

ملاحظة: ممنوع استعمال الآلة الحاسبة

الجزء الأول: (12ن)

التمرين الأول: (4ن)

1) انقل ثم اتمم الجدول بوضع علامة ( × ) في الخانة المناسبة:

| يقبل القسمة على |   |   |   |   | العدد الطبيعي |
|-----------------|---|---|---|---|---------------|
| 9               | 5 | 4 | 3 | 2 |               |
|                 |   |   |   |   | 3120          |
|                 |   |   |   |   | 8145          |

2) احسب ما يلي:  $\frac{4}{10} + \frac{45}{10}$  ;  $14,28 \times 0,01$

وحدة الطول هي cm)

التمرين الثاني: (4ن)

(C) دائرة مركزها O ونصف قطرها 2,5، [EG] قطر لها

1) ارسم المستقيم (d) الذي يشمل النقطة O ويعامد حامل القطعة [EG].

2) سم F و H نقطتي تقاطع الدائرة (C) مع المستقيم (d).

3) ما نوع المثلث OGF ؟ علل اجابتك

4) ما نوع الرباعي EFGH ؟ علل اجابتك

التمرين الثالث: (4ن)

1) يحفظ يوسف 24 حزبا من القرآن الكريم و بذلك يزيد عن أخته عائشة بتسعة أحزاب ونصف.

✓ مثل الوضعية بمخطط مناسب.

✓ احسب عدد الأحزاب التي تحفظها عائشة؟

2) يبدأ يوسف قراءة ورده اليومي على الساعة 20 h 20min و ينتهي على الساعة 21 h 05 min

✓ احسب المدة الزمنية التي يقضيها يوسف في قراءة ورده اليومي.

## الجزء الثاني: (8ن)

### المسألة:

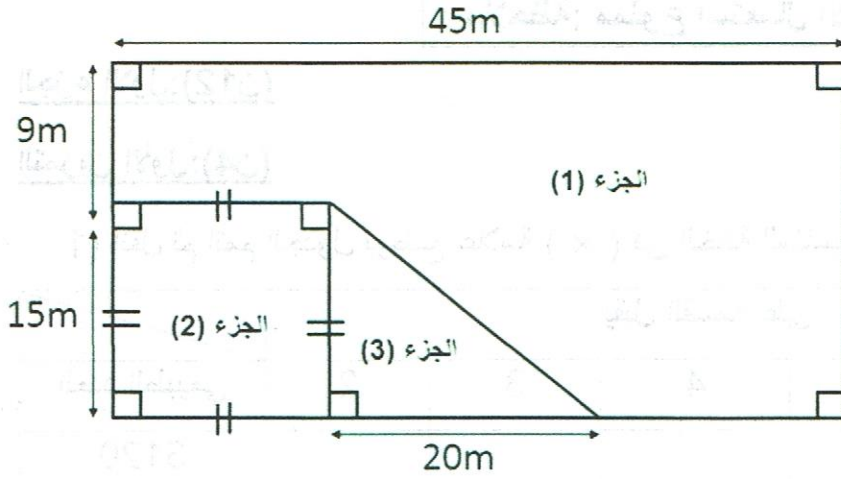
#### الجزء الأول:

بمناسبة اقتراب شهر رمضان المبارك، تبرع العم أحمد بقطعة أرض مستطيلة الشكل لبناء مدرسة قرآنية كما هو موضح في الشكل المقابل، حيث خصص:

✓ الجزء (1): لتعليم القرآن.

✓ الجزء (2): مصلى.

✓ الجزء (3): مiazza.



تأمل الشكل جيدا ثم أجب عن الأسئلة التالية (إعادة الرسم غير مطلوب):

(1) احسب A مساحة قطعة الأرض.

(2) احسب:

أ)  $A_2$  مساحة الجزء (2).

ب)  $A_3$  مساحة الجزء (3).

(3) استنتج  $A_1$  مساحة الجزء (1).

#### الجزء الثاني:

أراد العم أحمد تجهيز المدرسة القرآنية فاشترى 25 مصحفا بـ 1000 DA للمصحف الواحد، و اشترى 12 سجادة بثمن 6120DA.

(1) احسب ثمن كل المصاحف.

(2) احسب سعر السجادة الواحدة.

بالتوفيق للجميع



## الاجابة النموذجية و سلم التنقيط لاختبار الثلاثي الأول في مادة الرياضيات

| العلامة |                 | عناصر الإجابة                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
|---------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---|------|---------------|------|---------------|---|---|---|---|---|--|---|---|---|---|------|---|---|--|---|--|------|
| الترتيب | المجموع         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 2       | 1               | <div>الجزء الأول: (12 ن)</div> <div>التمرين الأول: (4 ن)</div> <div>(1) اكمل الجدول بوضع علامة (×) في الخانة المناسبة:</div> <table><tr><th colspan="5">يقبل القسمة على</th><th rowspan="2">العدد الطبيعي</th></tr><tr><th>9</th><th>5</th><th>4</th><th>3</th><th>2</th></tr><tr><td></td><td>×</td><td>×</td><td>×</td><td>×</td><td>3120</td></tr><tr><td>×</td><td>×</td><td></td><td>×</td><td></td><td>8145</td></tr></table> <div>(2) الحساب:</div> <div><math display="block">\frac{4}{10} + \frac{45}{10} = \frac{4+45}{10}</math><math display="block">= \frac{49}{10}</math><math display="block">14,28 \times 0,01 = 0,1428</math></div> | يقبل القسمة على |   |      |               |      | العدد الطبيعي | 9 | 5 | 4 | 3 | 2 |  | × | × | × | × | 3120 | × | × |  | × |  | 8145 |
|         | يقبل القسمة على |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      | العدد الطبيعي |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
|         | 9               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5               | 4 | 3    |               | 2    |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
|         |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ×               | × | ×    | ×             | 3120 |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| ×       | ×               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ×               |   | 8145 |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 2       | 1               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0.5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |
| 1       | 0               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |   |      |               |      |               |   |   |   |   |   |  |   |   |   |   |      |   |   |  |   |  |      |

**الجزء الثاني: (8 ن)**

**المسألة:**

**الجزء الأول:**

(1) حساب A مساحة قطعة الأرض:  
➤ حساب عرض قطعة الأرض:

1 0.5  $b = 9 + 15$   
0.5  $b = 24$

عرض قطعة الأرض هو : 24 m

1 0.5  $A = a \times b$   
0.25  $A = 45 \times 24$   
0.25  $A = 1080$

مساحة قطعة الأرض هي:  $1080 m^2$

(2) حساب:

أ- حساب  $A_2$  مساحة الجزء (2):

1 0.5  $A_2 = a \times a$   
0.25  $A_2 = 15 \times 15$   
0.25  $A_2 = 225$

مساحة الجزء (2) هي:  $225 m^2$

ب- حساب  $A_3$  مساحة الجزء (3):

1 0.25  $A_3 = \frac{a \times b}{2}$   
0.25  $A_3 = \frac{20 \times 15}{2}$   
0.25  $A_3 = \frac{300}{2}$   
0.25  $A_3 = 150$

مساحة الجزء (3) هي:  $150 m^2$

(3) استنتاج  $A_1$  مساحة الجزء (1):

1 0.25  $A_1 = A - (A_2 + A_3)$   
0.25  $A_1 = 1080 - (225 + 150)$   
0.25  $A_1 = 1080 - 375$   
0.25  $A_1 = 705$

مساحة الجزء (1) هي :  $705 m^2$

**الجزء الثاني:**

(1) حساب ثمن المصاحف:

1.5 1.5  $25 \times 1000 = 25000$

ثمن المصاحف هو : 25000 DA.

(2) حساب سعر السجادة الواحدة:

1.5 1.5  $6120 \div 12 = 510$

سعر السجادة الواحدة هو : 510 DA.