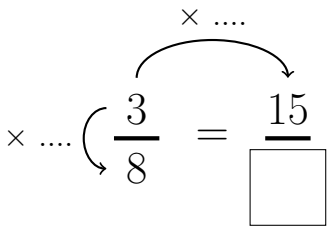
1. You may use these rows of the times table grid to make these equivalent fractions correct.

   (i) Complete the ↓ **OR** the → scale factor.




| × | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
| | | | | | | | | | |
| 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 80 |

   (ii) Use your chosen scale factor to write the missing value in the box.

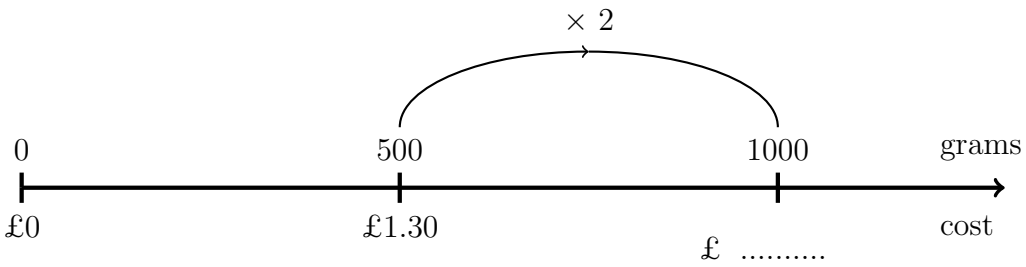
2. Elis wants to buy 1000 grams of pasta.

   Supa-sava-market sells 500 grams of pasta for £1.30

   Family Fair sells 1000 grams of pasta for £2.20

   Both shops sell the same type of pasta.

   (i) Complete this proportional line for **Supa-sava-market**

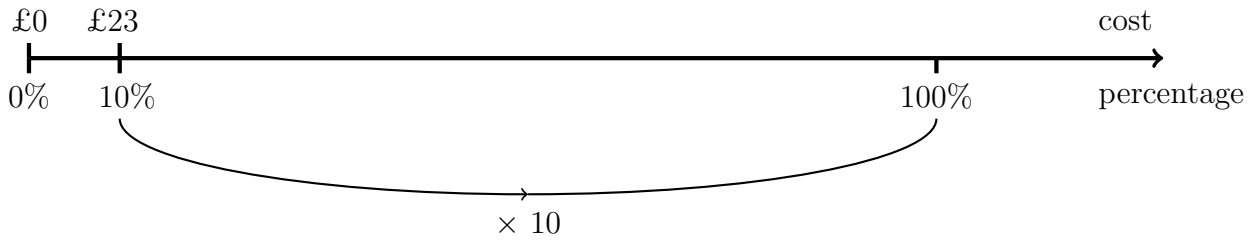



   (ii) Complete: 1000 grams of pasta is best value for money at .....

3. In a sale Elena can get 10% off a tent.

   Elena could save £23 if she buys the tent.

   Work out the original price (100%) of the tent.




£ .....

Fold over answers Fold over answers

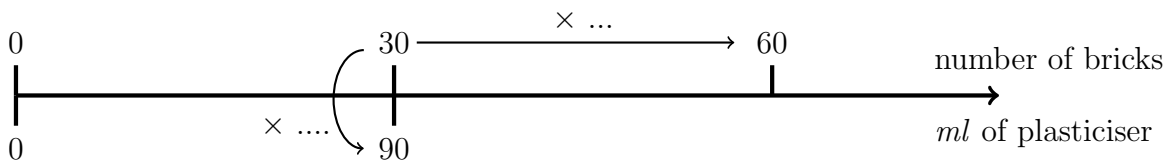
proportionalPairsNC(4) Answers: Q1 → ×5, 40; Q2 £2.60, Family Fair; Q3 £230;

4. Here is the list of ingredients for making cement mortar to lay 30 bricks.

| Cement Mortar | | |
|---|---|---|
| Ingredients to lay 30 bricks | | |
| 25 | kg | cement |
| 150 | kg | soft sand |
| 90 | *ml* | plasticiser |
| 6 | *litres* | water |

Kajori is going to make cement mortar for 60 bricks.

(i) Complete the ↓ **OR** the → scale factor.

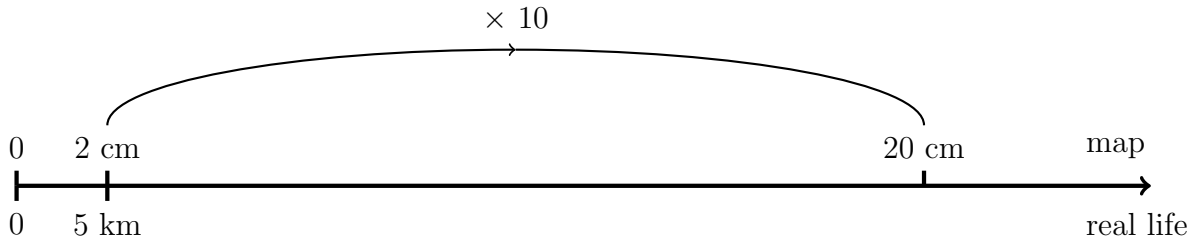



(ii) Work out how many millilitres of plasticiser she needs.

..... *ml*

5. On a map, 2 centimetres represents 5 kilometres.
On the map, the distance between two villages is 20 centimetres.

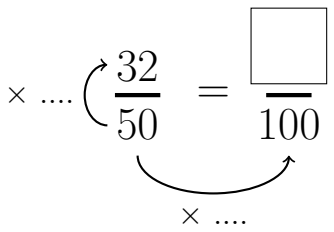
Write down the actual distance, in kilometres, between the two villages.
You may use this proportional line.




..... km

6. Make these equivalent fractions correct.

(i) Complete the ↑ **OR** the → scale factor.




(ii) Use your chosen scale factor to write the missing value in the box.

proportionalPairsNC(4) Answers (continued) Q4 ↓ ×3 or → ×2, 180; Q5 50 km; Q6 → ×2, 64