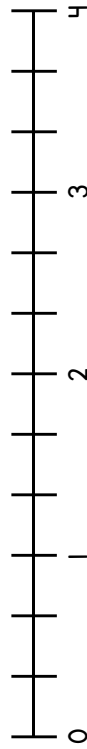


### Answers

- 1 A carton contains  $\frac{2}{3}$  of a litre of milk.

How much milk is in 4 cartons?

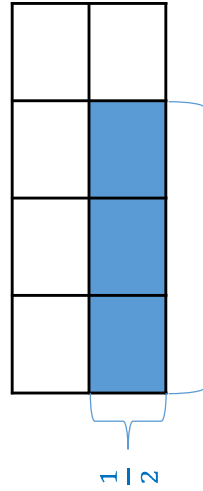
You may use the number line to help you.



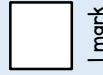
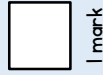
$$\underline{2\frac{2}{3} \text{ litres}}$$

- 2 Work out  $\frac{1}{2} \times \frac{3}{4}$

You may use the diagram to help you.

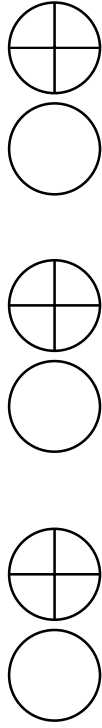


$$\underline{\frac{3}{8}}$$



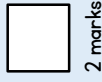
- 3 What is  $\frac{3}{4} \times 3$

You may use the images to help you.



Award 1 mark for evidence of a clear method

e.g. shading in three lots of  $\frac{3}{4}$



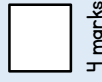
- 4 Work out the missing values.

$$10 \times \frac{1}{3} = \frac{\boxed{10}}{3}$$

$$10 \times \frac{\boxed{2}}{7} = \frac{20}{7}$$

$$10 \times \frac{\boxed{7}}{9} = 7\frac{7}{9}$$

$$10 \times \frac{1}{\boxed{5}} = 2$$



- 5 A bag contains 400 counters.

$\frac{1}{4}$  of the counters are red.

$\frac{3}{8}$  of the counters are blue.

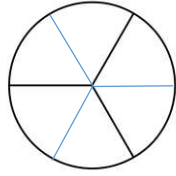
How many more blue counters than red counters are there?

Award 1 mark for evidence of 1 step of correct mathematical working.

$$\underline{50}$$

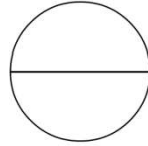


- 6 Use the diagram to convince me that  $\frac{1}{3} \div 2$  is equal to  $\frac{1}{6}$



Could split one third into two equal parts and shade one of them to show one sixth.

What is  $\frac{1}{2} \div 5$ ?



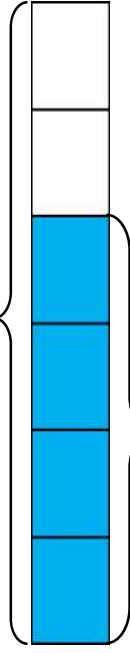
$\frac{1}{10}$

What is  $\frac{2}{3} \div 4$ ?

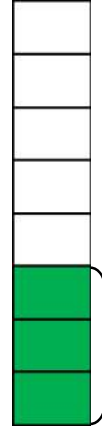
$\frac{1}{6}$

- 7

144



A



B

What is the value of A?

96

What is the value of B?

36

- 8 From Monday to Wednesday, Max rows  $2\frac{1}{5}$  km each day.

From Thursday to Saturday, Max rows  $4\frac{3}{10}$  km each day.

How far does he row in total from Monday to Saturday?

Show all your working. Award 1 mark for 1 step of correct calculation.

$2\frac{1}{5} \times 3 = 6\frac{3}{5}$

$4\frac{3}{10} \times 3 = 12\frac{9}{10}$

$6\frac{3}{5} + 12\frac{9}{10} = 6\frac{6}{10} + 12\frac{9}{10} = 19\frac{5}{10} = 19\frac{1}{2}$

$19\frac{5}{10}$  or  $19\frac{1}{2}$  km

2 marks

- 9 Becky spends  $\frac{3}{5}$  of her money.

She has £60 left.

How much money did she start with?

£ 150

1 mark

- 10  $\frac{2}{5}$  of  $\frac{1}{4}$  of a number is equal to 8

What is the number?

Award 1 mark for evidence of a clear method.

80

2 marks

Circle how confident you feel with fractions.

1 2 3 4 5

Not confident

Very confident

2 marks