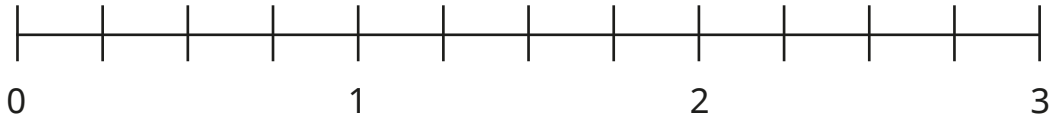


Fractions B



Name: \_\_\_\_\_

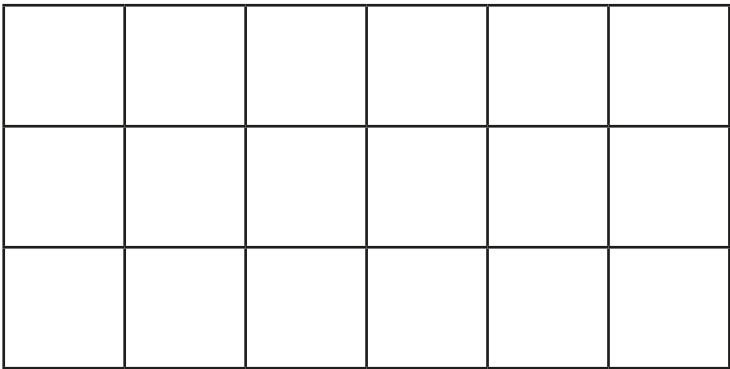
- 1 A carton contains  $\frac{3}{4}$  of a litre of milk.  
How much milk is there in 3 of these cartons?  
You may use the number line to help you.



litres

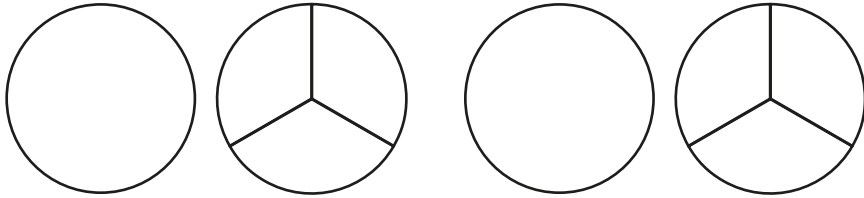
1 mark

- 2 Work out  $\frac{1}{3} \times \frac{5}{6}$   
You may use the diagram to help you.



1 mark

- 3 What is  $1\frac{2}{3} \times 2$ ?  
You may use the diagrams to help you.



2 marks

- 4 Fill in the missing values.

$$12 \times \frac{1}{5} = \frac{\boxed{\phantom{000}}}{5}$$

$$12 \times \frac{\boxed{\phantom{000}}}{5} = \frac{36}{5}$$

$$12 \times \frac{\boxed{\phantom{000}}}{7} = 8\frac{4}{7}$$

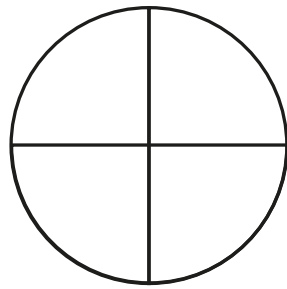
$$12 \times \frac{1}{\boxed{\phantom{000}}} = 2$$

4 marks

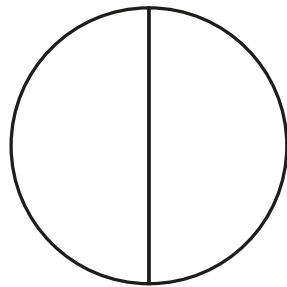
- 5 A bag contains 600 counters.
- $\frac{1}{3}$  of the counters are red.
  - $\frac{3}{5}$  of the counters are blue.
- How many more blue counters are there than red counters?

2 marks

- 6 Use the diagram to show that  $\frac{1}{4} \div 2$  is equal to  $\frac{1}{8}$



What is  $\frac{1}{2} \div 6$ ?



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

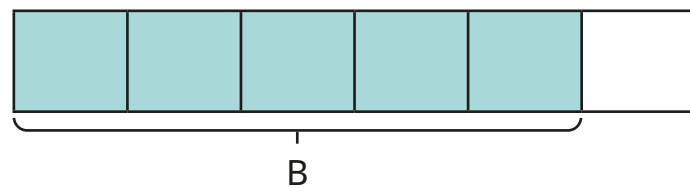
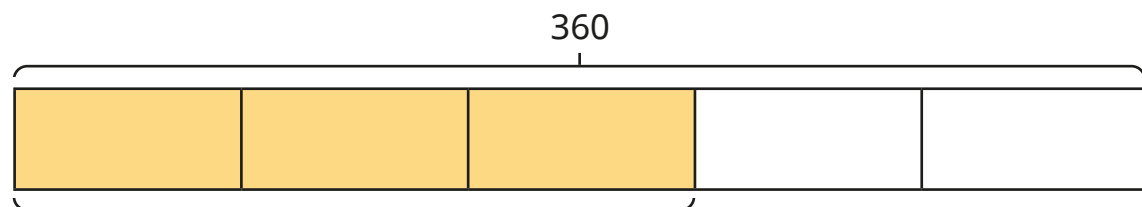



1 mark

1 mark

1 mark

7



What is the value of A?

What is the value of B?




1 mark

1 mark

- 8 From Monday to Wednesday, Mr Trent rows  $3\frac{1}{4}$  km each day.

From Thursday to Saturday, Mr Trent rows  $2\frac{5}{8}$  km each day.

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

Show all your workings.

 km

2 marks

- 9 Alex spends  $\frac{2}{7}$  of her money.

She has £35 left.

How much money did Alex start with?

£



1 mark

- 10  $\frac{3}{4}$  of  $\frac{1}{5}$  of a number is equal to 15

What is the number?



2 marks