Year 6

Fractions (× and ÷)

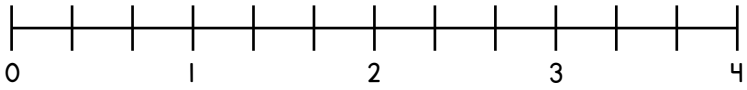
B

Name _____

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.

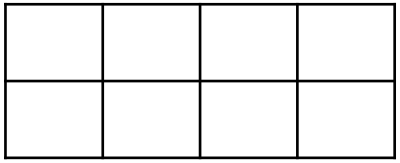


_____ litres

1 mark

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

You may use the diagram to help you.



_____

1 mark

3 What is $1\frac{3}{4} \times 3$

You may use the images to help you.



_____

2 marks

4 Work out the missing values.

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

$10 \times \frac{\square}{7} = \frac{20}{7}$

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

$10 \times \frac{1}{\square} = 2$

4 marks

5 A bag contains 400 counters.

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

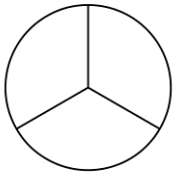
$\frac{3}{8}$ of the counters are blue.

How many more blue counters than red counters are there?

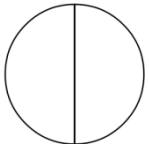
_____

2 marks

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



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

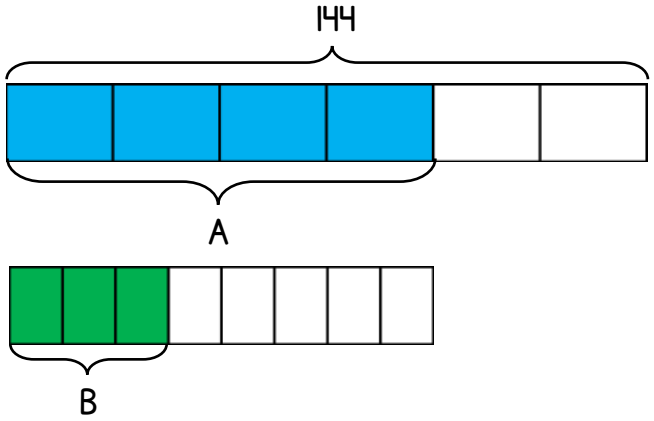


1 mark

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

1 mark

7



What is the value of A?

What is the value of B?

2 marks

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.

km

2 marks

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

She has £60 left.

How much money did she start with?

£

1 mark

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

What is the number?

2 marks

Circle how confident you feel with fractions.

1	2	3	4	5
Not confident				Very confident