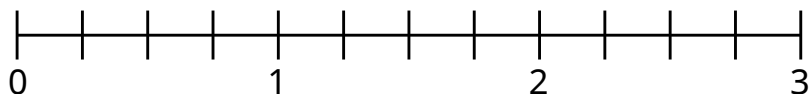


Fractions B

Name _____

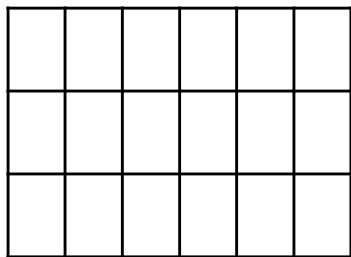
- 1 A carton contains $\frac{3}{4}$ of a litre of juice.
How much juice is in 3 cartons?

You may use the number line to help you.

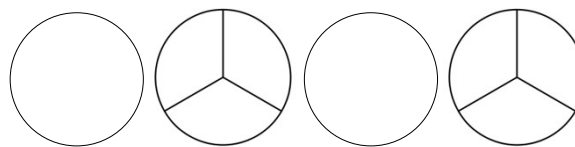


litres

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



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



- 4 Complete the missing values.

$$12 \times \frac{1}{5} = \frac{\square}{5}$$

$$12 \times \frac{\square}{5} = \frac{36}{5}$$

$$12 \times \frac{\square}{7} = 8\frac{4}{7}$$

$$12 \times \frac{1}{\square} = 2$$

- 5 A bag contains 600 cubes.

$\frac{1}{3}$ of the cubes are blue.

$\frac{3}{5}$ of the cubes are yellow.

How many more yellow cubes than blue cubes are there?



2 marks



1 mark



4 marks

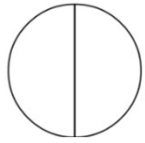


1 mark

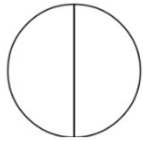


2 marks

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

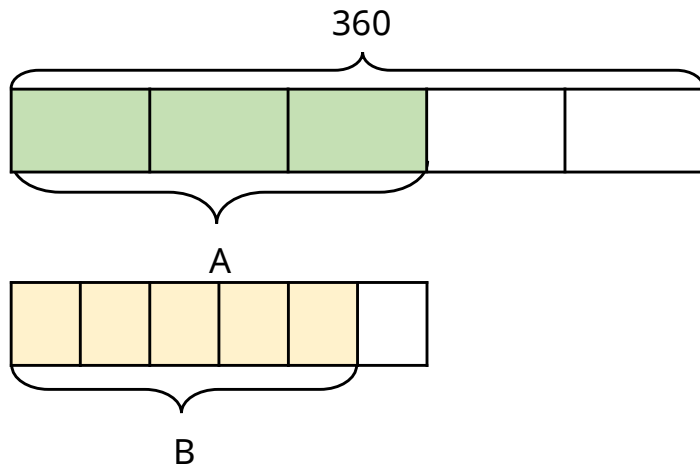


What is $\frac{1}{2} \div 6$?



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

7



Work out the sum of A and B.



1 mark



1 mark



1 mark



2 marks

- 8 From Monday to Wednesday, Max runs $3\frac{1}{4}$ km each day.
From Thursday to Saturday, Max runs $2\frac{5}{8}$ km each day.
How far does he run in total from Monday to Saturday? Show all your working.

_____ km

- 9 Becky eats $\frac{2}{7}$ of her sweets.
She has 35 sweets left.
How many sweets did she eat?

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

What is the number?



2 marks



1 mark



2 marks

