

6

FRACTIONS (B)

White
Rose
Maths



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

How much milk is in 6 cartons?

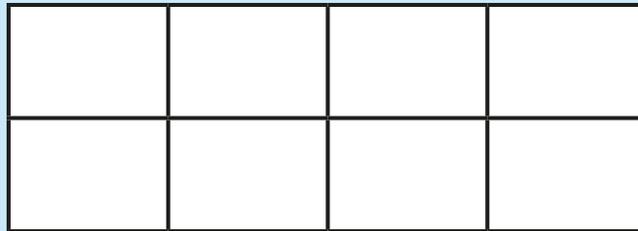
You may use the number line to help you.



litres

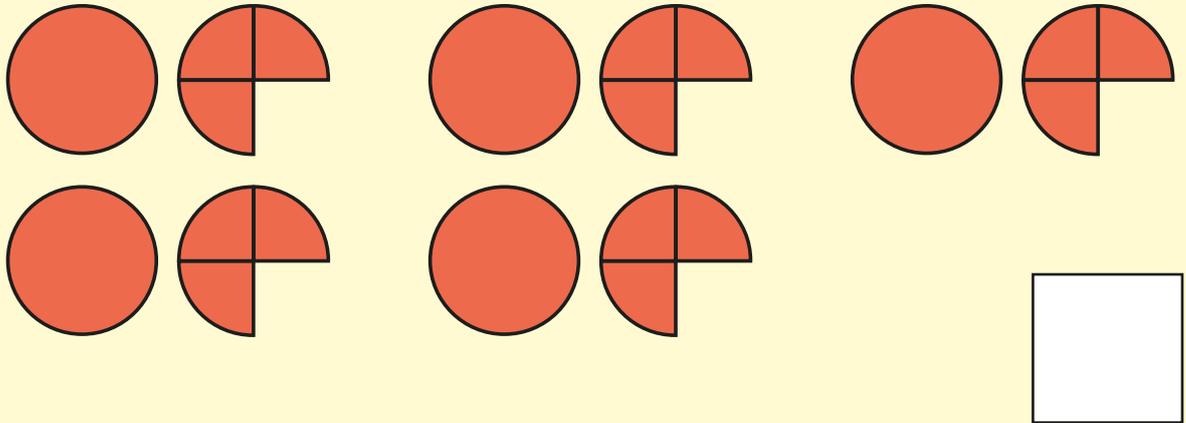
- 2 Work out $\frac{1}{2} \times \frac{1}{4}$

You may use the diagram to help you.



3 What is $1\frac{3}{4} \times 5$

You may use the images to help you.



4 Work out the missing values.

$$10 \times \frac{1}{5} = \frac{\square}{5}$$

$$10 \times \frac{\square}{6} = \frac{50}{6}$$

$$10 \times \frac{\square}{7} = 8\frac{4}{7}$$

$$10 \times \frac{1}{\square} = 5$$

5 A bag contains 300 counters.

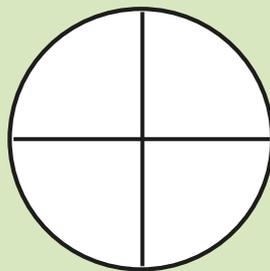
$\frac{1}{3}$ of the counters are red.

$\frac{1}{6}$ of the counters are blue.

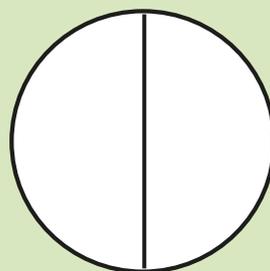


How many more red counters than blue counters are there?

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

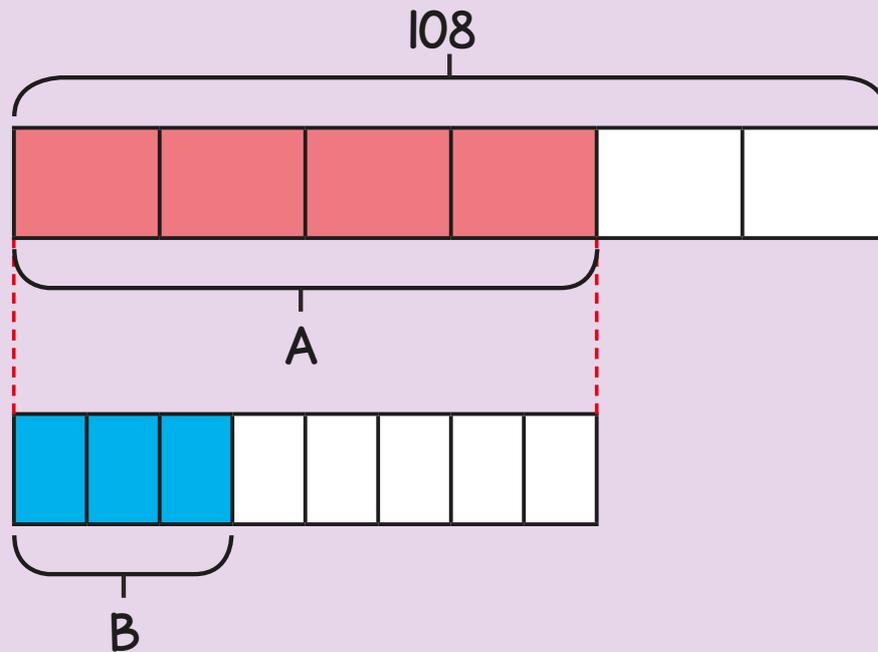


What is $\frac{1}{2} \div 6$?



What is $\frac{2}{5} \div 4$?

7

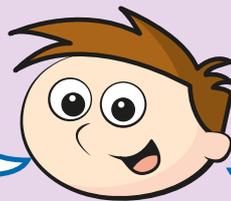


What is the value of A?

What is the value of B?

8

From Monday to Wednesday, I row $3\frac{1}{4}$ km each day.



From Thursday to Saturday, I row $5\frac{3}{8}$ km each day.

How far does Teddy row in total from Monday to Saturday? Show all your workings.

9 Dora spends $\frac{2}{5}$ of her money.

She has £60 left.

How much money did she start with?



10 $\frac{3}{7}$ of $\frac{1}{4}$ of a number is equal to 9

What is the number?

Answers



1 4 litres

2 $\frac{1}{8}$

3 $8\frac{3}{4}$

4 $10 \times \frac{1}{5} = \frac{10}{5}$

$10 \times \frac{6}{7} = 8\frac{4}{7}$

$10 \times \frac{5}{6} = \frac{50}{6}$

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

5 50 more counters



$\frac{1}{12}$

$\frac{1}{10}$

7 A = 72

B = 27

8 $25\frac{7}{8}$ km

9 £100

10 84