9 7

5

Percentages as fractions of 100

Write these fractions as percentages.

$$\frac{7}{10}$$
 =

$$\frac{1}{5}$$
 =

10961 m & O

Write this percentage as a fraction.

Write these fractions as percentages.

$$\frac{2}{5} = \frac{2}{9} = \frac{2}{9}$$

$$\frac{3}{10} =$$

$$\frac{1}{2}$$
 =

$$\frac{9}{10} =$$

$$\frac{3}{5} = \begin{bmatrix} 1 & 1 & 1 \end{bmatrix}$$

$$\frac{3}{4} =$$

Now try these.

$$\frac{3}{100} =$$

$$\frac{7}{100} = 47$$

$$\frac{9}{100} = \frac{93}{100} = \frac{93}{100}$$

Change these percentages to fractions. Remember that you may need to simplify.

Work out the answer to each calculation. Cyril ate $\frac{2}{5}$ of a box of chocolates. What percentage did he have left?





Tasmin put a 10% deposit on a dress in the sale. What fraction of the price did she still have to pay?





Working out percentages



Maths

Made **
Easy

Find 50% of these numbers.

12

42

22

Find 25% of these amounts.

£8

72 km

24 g

Find 50% of these numbers.

68

46

100

18

80

Find 25% of these numbers.

12

36

48

36

20

Find 75% of these amounts.

£28.00

12 cm

100 l

44 km

£60.00

16 m

40

Find 10% of these amounts.

£200.00

30 cm

24 l

£37.00

48

62 km

27 cm

70 m

36 l

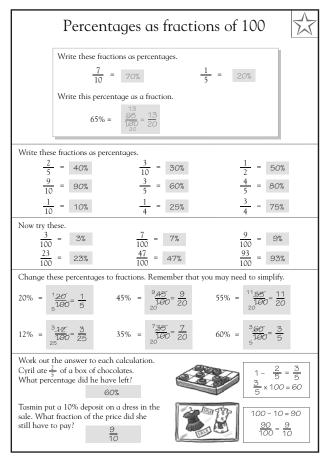
Write the answer in the box.

25% of a number is 12. What is the number?

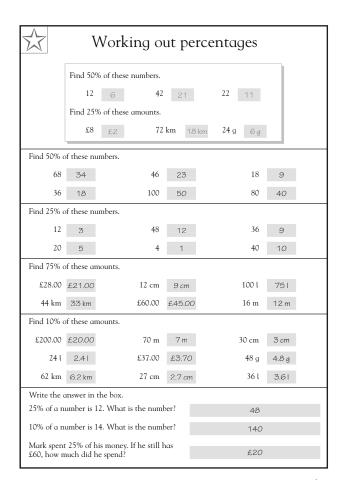
10% of a number is 14. What is the number?

Mark spent 25% of his money. If he still has £60, how much did he spend?

Answers:



Children may need help to see that if $\frac{1}{10}$ is the same as 10%, then $\frac{1}{5}$ is equal to 20% because it is $\frac{2}{10}$. You may have to remind them that 1% is equal to $\frac{1}{100}$ Any number divided by 100 will be the same as the percentage of that number.



Children should be aware that 50% is equal to $\frac{1}{2}$; 25% is equal to $\frac{1}{4}$; 75% is equal to $\frac{3}{4}$; and 10% is equal to $\frac{1}{10}$. They may convert units, e.g., 27 mm is 10% of 27 cm. This shows that they are comfortable with both conversion and percentage sums.