

Percentage of an Amount

ANSWERS

1

Work out 30% of 40.

100% = 40



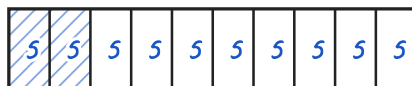
$$10\% = 40 \div 10 = 4$$

$$30\% = 4 \times 3 = 12$$

2

Work out 20% of 50.

100% = 50



$$10\% = 50 \div 10 = 5$$

$$20\% = 5 \times 2 = 10$$

3

Work out 40% of 20.

100% = 20



$$10\% = 20 \div 10 = 2$$

$$40\% = 2 \times 4 = 8$$

4

Work out 50% of 80.

100% = 80



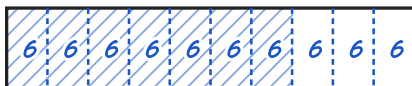
$$10\% = 80 \div 10 = 8$$

$$50\% = 8 \times 5 = 40$$

5

Work out 70% of 60.

100% = 60



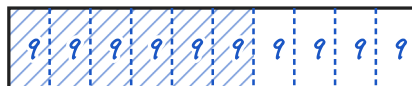
$$10\% = 60 \div 10 = 6$$

$$70\% = 6 \times 7 = 42$$

6

Work out 60% of 90.

100% = 90



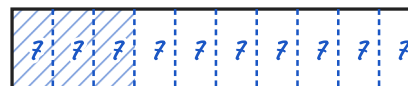
$$10\% = 90 \div 10 = 9$$

$$60\% = 9 \times 6 = 54$$

7

A jar has 70 sweets. 30% of them are red. How many are red?

100% = 70



$$10\% = 70 \div 10 = 7$$

$$30\% = 7 \times 3 = 21$$

8

The whole bar is 50.
How much is shaded?

100% = 50



$$10\% = 50 \div 10 = 5$$

$$80\% = 5 \times 8 = 40$$

Percentage of an Amount *further practice*

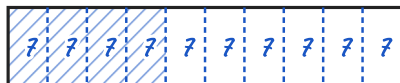
ANSWERS

9



Work out 40% of 70.

100% = 70



$$10\% = 70 \div 10 = 7$$

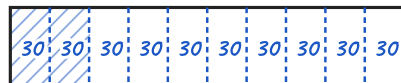
$$40\% = 7 \times 4 = 28$$

10



Work out 20% of 300.

100% = 300



$$10\% = 300 \div 10 = 30$$

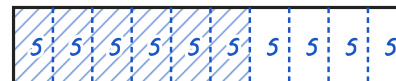
$$20\% = 30 \times 2 = 60$$

11



Jo has £50. She spends 60% of it.
How much does she spend?

100% = £50



$$10\% = 50 \div 10 = 5$$

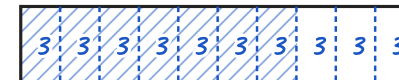
$$60\% = 5 \times 6 = £30$$

12



A class has 30 students.
70% of them have a pet.
How many have a pet?

100% = 30



$$10\% = 30 \div 10 = 3$$

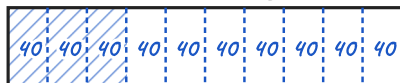
$$70\% = 3 \times 7 = 21$$

13



A cake weighs 400 g. 30% of the cake is sugar. How much sugar is in the cake?

100% = 400 g



$$400 \div 10 = 40$$

$$40 \times 3 = 120$$

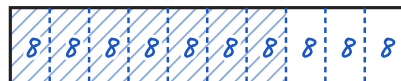
Answer 120 g

14



A shop has 80 plants. It sells 70% of them.
How many plants are left?

100% = 80



$$80 \div 10 = 8$$

$$8 \times 7 = 56 \text{ sold}$$

$$80 - 56 = 24 \text{ left}$$

Answer 24

15



10% of a number is 6.
What is the number?

100% = 60



$$6 \times 10 = 60$$

Answer 60

16



Sam works out 30% of 60.
He writes $60 \div 30 = 2$. What has he done wrong?

100% = 60



Sam should divide by 10, not 30

Right answer $6 \times 3 = 18$