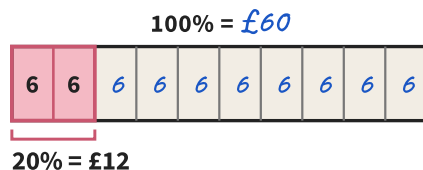


Reverse Percentages

ANSWERS

1

20% of an amount is £12.
Find the amount.

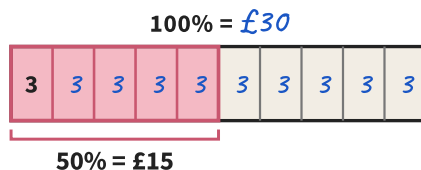


$$10\% = 12 \div 2 = 6$$

$$100\% = 6 \times 10 = 60$$

2

50% of an amount is £15.
Find the amount.

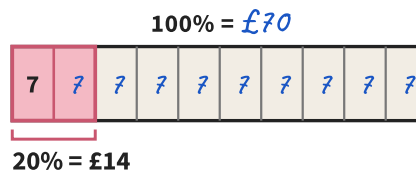


$$10\% = 15 \div 5 = 3$$

$$100\% = 3 \times 10 = 30$$

3

20% of an amount is £14.
Find the amount.

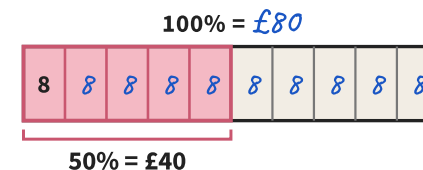


$$10\% = 14 \div 2 = 7$$

$$100\% = 7 \times 10 = 70$$

4

50% of an amount is £40.
Find the amount.

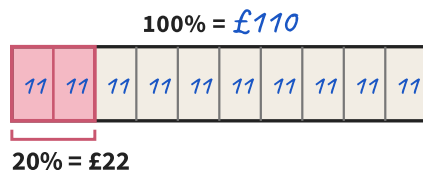


$$10\% = 40 \div 5 = 8$$

$$100\% = 8 \times 10 = 80$$

5

20% of an amount is £22.
Find the amount.

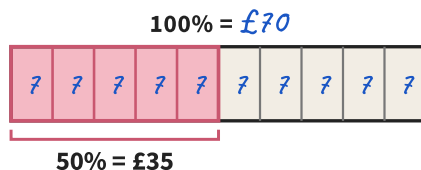


$$10\% = 22 \div 2 = 11$$

$$100\% = 11 \times 10 = 110$$

6

50% of an amount is £35.
Find the amount.

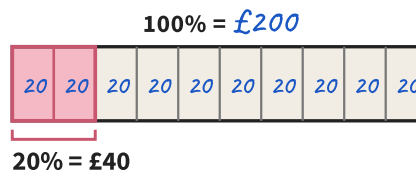


$$10\% = 35 \div 5 = 7$$

$$100\% = 7 \times 10 = 70$$

7

Mia saves £40. This is 20% of her pay. How much is her pay?

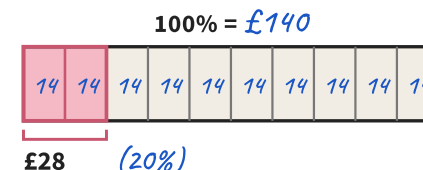


$$10\% = 40 \div 2 = 20$$

$$100\% = 20 \times 10 = 200$$

8

The pink parts are worth £28.
What is the whole bar worth?



$$10\% = 28 \div 2 = 14$$

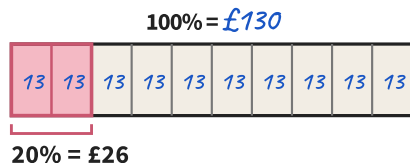
$$100\% = 14 \times 10 = 140$$

Reverse Percentages *further practice*

ANSWERS

9

20% of an amount is £26.
Find the amount.

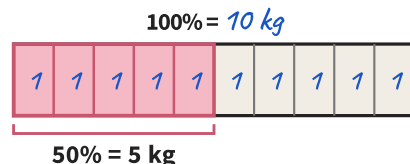


$$10\% = 26 \div 2 = 13$$

$$100\% = 13 \times 10 = 130$$

10

50% of a bag of sand weighs 5 kg.
How much does the whole bag weigh?

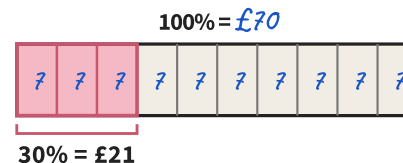


$$10\% = 5 \div 5 = 1$$

$$100\% = 1 \times 10 = 10$$

11

30% of an amount is £21.
Find the amount.

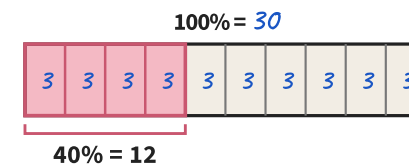


$$10\% = 21 \div 3 = 7$$

$$100\% = 7 \times 10 = 70$$

12

12 pupils walk to school.
This is 40% of the class.
How many pupils are in the class?

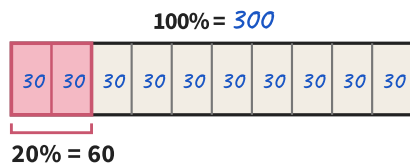


$$10\% = 12 \div 4 = 3$$

$$100\% = 3 \times 10 = 30$$

13

A farmer sells 60 eggs. This is 20% of her eggs. How many eggs did she have?



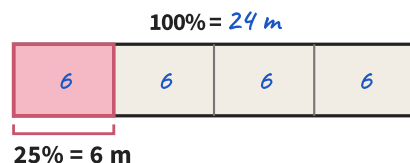
$$10\% = 60 \div 2 = 30$$

$$100\% = 30 \times 10 = 300$$

Answer 300 eggs

14

25% of a ribbon is 6 m long.
How long is the whole ribbon?

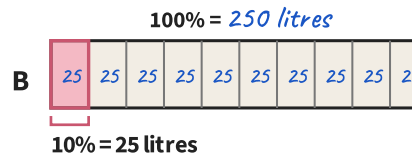
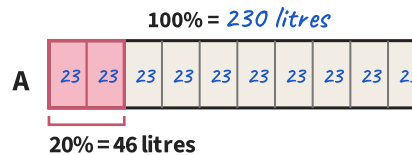


$$4 \text{ parts: } 6 \times 4 = 24$$

Answer 24 m

15

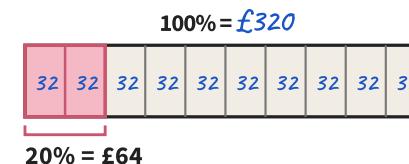
Tank A is 20% full with 46 litres.
Tank B is 10% full with 25 litres.
Which tank holds more when full?



Answer Tank B (250 litres)

16

20% of an amount is £64.
Ali says the amount is $64 \times 10 = £640$. What has he done wrong?



Ali should find 10% first: $64 \div 2$

Right answer $32 \times 10 = £320$