

Y6 Percentages of Amounts

KS2 Y6 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

30% of 360

Step 1 · 10% of 360 ($\div 10$)

36

Step 2 · $30\% = 3 \times 10\%$

$3 \times 36 = 108$

Answer: 108

Check: 30% is a bit less than a third; a third of 360 is 120 ✓

2. Now try one with the steps

15% of 240

Step 1 · 10% of 240

Step 2 · 5% is half of 10%

Step 3 · $15\% = 10\% + 5\%$

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. 50% of 86

2. 10% of 470

3. 25% of 360

4. 20% of 45

5. 1% of 600

6. 30% of 250

7. 75% of 84

8. 15% of 120

9. 5% of 380

10. 45% of 60

11. 12% of 350

12. What is 60% of 1.5 kg? Give your answer in grams.

13. A £45 video game is reduced by 20%. What is the new price?

14. In a class of 40 children, 35% walk to school. How many children do not walk?

15. Which is greater: 30% of 70 or 70% of 30?

4. Before you hand it in

5% of 380 = $380 \div 5 = 76$.

Dividing by 5 finds 20%. 5% is half of 10%: $38 \div 2 = 19$.

Giving £16 sale price of a £64 coat with 25% off.

£16 is the amount taken off. The sale price is $£64 - £16 = £48$.

15% of 240 = 10% + 5 = 29.

Find 5% of the amount (12), then add it to 10% (24): 36.