

Percentages - %

$$100\% = 1 \text{ whole}$$

$$25\% = \frac{1}{4} = \text{one quarter}$$

$$50\% = \frac{1}{2} = \text{one half}$$

$$10\% = \frac{1}{10}$$

To find what 50% of a number is you halve the number.

- To find what 25% is you quarter the number
- To find what 10% is you divide by ten.

Find what 50% of these numbers is;

- 1) 50 2) 120 3) 200 4) 62 5) 90

What is 25% of these numbers?

- 6) 20 7) 120 8) 820 9) 68 10) 56

What is 10% of these numbers?

- 11) 40 12) 27 13) 99 14) 185 15) 67

If 10% of 120 is 12, then 30% of 120 is 3 x 12 (3 times 12)

What about these then?

- 16) 40% of 80 17) 90% of 70 18) 60% of 120 19) 20% of 90 20) 80% of 20

If 25% of 100 is 25, then 75% of 100 is 3 x 25 (3 times 25)

Or

100 – 25 (100 take-away 25)

Here we go again!! What is 25% of these numbers then?

- 21) 40 22) 180 23) 64 24) 128 25) 1488

Finally, try these;

26) 35% of children in a class are boys. What percentage are girls?

27) 70% of the children in a school stay for dinner. What percentage do not stay?

28) Richard got 40 marks out of 80 in his maths test. Sarah got 45. Who did better: Richard or Sarah?