

Percentages of an amount – How to: step by step

30% of 900

1. We know that percentages can be written as fractions

$$30\% = \frac{30}{100}$$

The denominator will always be 100

2. Divide the whole number by 100

$$900 \div 100 = 9$$

(Same method as a fraction of an amount. Divide by the denominator.)

3. Multiply the total by the percentage

$$9 \times 30 = 270$$

(Same method as a fraction of an amount. Multiply by the numerator.)

$$30\% \text{ of } 900 = 270$$

Percentages of an amount – How to: step by step

16% of 850

1. We know that percentages can be written as fractions

$$16\% = \frac{16}{100}$$

The denominator will always be 100

2. Divide the whole number by 100

$$850 \div 100 = 8.5$$

(Same method as a fraction of an amount. Divide by the denominator.)

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8	5	0		
		8	●	5

3. Multiply the total by the percentage

$$8.5 \times 16 = 136$$

$$\begin{array}{r} 8.5 \\ \times 16 \\ \hline 51.0 \\ 3 \\ \hline + 85.0 \\ \hline 136.0 \end{array}$$

(Same method as a fraction of an amount. Multiply by the numerator.)

$$16\% \text{ of } 850 = 136$$

Top Tip: DON'T forget your decimal place!