

What Do We Mean by Percent?

Percent is an abbreviation for the Latin *per centum*, which means *for each 100*.

So 100% of something is $\frac{100}{100}$ which is equivalent to a whole.

1% of something is $\frac{1}{100}$ of a whole. 10% of something is $\frac{10}{100}$ which can be simplified to $\frac{1}{10}$ of a whole.

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Divide by 10



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Knowing how to calculate 10% and 1% are important to help how to calculate other percentages, for instance to calculate 5%, you could:

- Find 1%, then multiply this by 5
- Find 10% and halve this

To find a percentage of something, what calculation do you need to do?

First divide by 10 to find 10%

Find the percentages of the following amounts:

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What if we need to find a percentage which needs 5%?

 $35\% \text{ of } \pounds 60 =$ $10\% \text{ of } \pounds 60 = 6$ $5\% \text{ of } \pounds 60 = 3$ 30% of £60 = 18

First divide the amount by 10 to find 10% Then divide your 10% amount (6) by 2 to find 5%. $6 \div 2 = 3$ Then multiply your 10% amount (6) by the number of lots of 10 you need. In this case we need 3 lots of ten,

 $6 \times 3 = 18$

Finally, add your amount for 30% (18) to the amount for 5% (3). 18 + 3 = 21So 35% of £60 = £21

Look at another example of this...

To find a percentage of something, what calculation do you need to do?

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