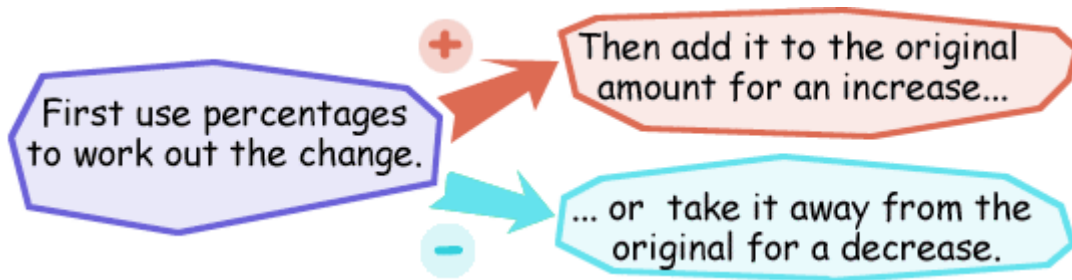




Using a calculator to find percentages 1

You can work out any percentage **increase** or **decrease** using a **calculator**. This factsheet shows how to do it one way. The factsheet Using a calculator to find percentages 2 shows a different method. See which you prefer.

In this factsheet the method is:



Example A coat costing **£80** has been reduced by **15%** in a sale. Find the new price. This takes two steps on a calculator. First find 15% of £80 by typing in the sum below:

$$15 \div 100 \times 80 =$$

This uses the decimal method.

The answer is 12. So **15% of £80 is £12**. Now work out the sale price by taking £12 from £80:

$$80 - 12 =$$

The correct answer is **£68**.

Here are some more examples. Use your calculator to practise the steps.

Original price	Percentage change	Find percentage amount	Percentage amount	Add or take away?	New price
£40	35% increase	$35 \div 100 \times 40$	£14	Add	£54
£36	12% increase	$12 \div 100 \times 36$	£4.32	Add	£40.32
£56	7% decrease	$7 \div 100 \times 56$	£3.92	Take away	£52.08
£110	55% decrease	$55 \div 100 \times 110$	£60.50	Take away	£49.50