



Percentages

You must be so fast by now!

Three tests this week - read the notes on the left first.

A bit of extra help...

Now that you know how to find 10%, finding 20%, 30%, 40% etc is easy. For example:

30% is 3 lots of 10%.

Look at this:

Find 30% and 70% of £9.00

10% is $\frac{1}{10}$ of £9.00 = 90p

so 30% is $3 \times 90\text{p} = \text{£}2.70$
and 70% is $7 \times 90\text{p} = \text{£}6.30$

For 20%, 40%, 60% and 80% you can use another method:

$$20\% = \frac{20}{100} = \frac{2}{10} = \frac{1}{5}$$

$$40\% = \frac{40}{100} = \frac{4}{10} = \frac{2}{5}$$

$$60\% = \frac{60}{100} = \frac{6}{10} = \frac{3}{5}$$

$$80\% = \frac{80}{100} = \frac{8}{10} = \frac{4}{5}$$

For example, to find 60% of £15.00 you could use:

Method 1:

10% of £15.00 is £1.50
so 60% is $6 \times \text{£}1.50 = \text{£}9.00$

or Method 2:

60% is the same as $\frac{3}{5}$

$\frac{1}{5}$ of £15.00 is £3.00

so $\frac{3}{5}$ is $3 \times \text{£}3.00 = \text{£}9.00$

Test 15

1.	forty
2.	find 30%
3.	double it
4.	+1
5.	\sqrt{n}
6.	times by 7
7.	double it
8.	20% of this
9.	find 50%
10.	n^2
	Answer: 49

Test 16

1.	£20
2.	90% of this
3.	add £16
4.	find 50%
5.	deduct £10
6.	40% of this
7.	minus £2
8.	find 25%
9.	X 5
10.	Find 70%
	Answer: 70P

Test 17

1.	ten
2.	n^2
3.	+21
4.	\sqrt{n}
5.	times by 5
6.	remove 5
7.	find 80%
8.	75% of this
9.	find 50%
10.	X 4
	Answer: 60

Are you STILL enjoying these?