08.02.21 Fluent in five

1) 258,630 + 179,885 =

2) $\frac{2}{5} \times \frac{1}{2} =$

3) 320 + 90 =

4) 1.25 x 6 =

5) 2268 ÷ 6 =

6) 120 ÷ _____ = 10

1) 7653 + 1403 =

2) 9584 - 1999 =

3) 2431 ÷ 3 =

4) 1.34 x 4 =

5) $\frac{1}{10} =$ _____ %

WALT find percentages of an amount

https://vimeo.com/497642809

Using our prior knowledge of percentages, we are going to find that value of a percentage of an amount.

50% of 100 =

If we are looking to find 50% of a value, we need to think what 50% is equivalent to which is one half. This means that to find 50% of a number, we need to half it.

Have a go at these.

50% of 30 =

50% of 120 =

50% of 50 =

Finding 10%

10% of 140 =

To find 10% we must divide our value by 10 because 10% is 100% ÷ 10.

Try these

10% of 180 =

10% of 590 =

10% x 763 =

Finding 1%

   1% of 180 =

To find 1% we must divide our amount by 100 because 100% ÷ 100 = 1%

Try these

1% of 100 =

1% of 560 =

1% x 583 =

Finding 5%

5% of 160 =

To find 5% we must find 10% by dividing our amount by 10 and the halving the answer because 10% ÷ 2 = 5%

Try these

5% of 160 =

5% of 90 =

5% x 156 =

Finding different percentages

17% of 160

100% =
10% =
5% =
1% =

Then we use these components to make 17%.
For example - 10% + 5% + 1% + 1% = 17%

Try these in books

Find:

50% of 300	25% of 300	10% of 300	1% of 300
50% of 30	25% of 30	10% of 30	1% of 30
50% of 60	25% of 60	10% of 60	1% of 60

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Independent work

10% of 30 =   15% of 280 =

10% of 150 =   4% of 150 =

                                     7% of 40 =
10% of 80 =
                                     95% of 600 =

20% of 40 =   21% of 500 =

30% of 200 =

50% of 36 =

5% of 520 =

Mo says,

To find 10% you divide by 10, so to find 50% you divide by 50

Do you agree? Explain why.

Eva says to find 1% of a number, you divide by 100
Whitney says to find 1% of a number, you divide by 10 and then by 10 again.

Who do you agree with?
Explain your answer.