Hello again Year 6,

I hope you had a nice weekend and managed to get outside and enjoy the snow.

This is Bob, he is not quite finished in this picture and I am sorry to say that, a bit later on in the day, I tried to re-attach Bob's nose and managed to knock off his head!!

Last week we were looking at percentages and linking them to fractions, we are going to continue looking at percentages this week.

Jan 25-09:17

LI: To find percentages of an amount

From last week, I am sure that you have remembered that percentage means 'number of parts per 100'

So, 25% = $\frac{25}{100}$ We can simplify $\frac{25}{100}$ to $\frac{1}{4}$

divide by 25

This means that if we are asked to find 25% of an amount, it is the same as finding $\frac{1}{4}$ of that amount.

You will remember that to find $\frac{1}{4}$ of an amount, we divide by 4

Jan 25-09:16

Find 25% of 160.

$25\% = \frac{25}{100} = \frac{1}{4}$

$\frac{1}{4}$ of 160 = 160 ÷ 4

$$4 \overline{)160} = 40$$

So, 25% of 160 = 40

Jan 25-09:32

Can you work out these?

25% of 200

25% of 320

Jan 25-09:41

LI: To find percentages of an amount

$10\% = \frac{10}{100}$ We can simplify $\frac{10}{100}$ to $\frac{1}{10}$

divide by 10

This means that if we are asked to find 10% of an amount, it is the same as finding $\frac{1}{10}$ of that amount.

You will remember that to find $\frac{1}{10}$ of an amount, we divide by 10

Jan 25-09:16

Find 10% of 180.

$10\% = \frac{10}{100} = \frac{1}{10}$

$\frac{1}{10}$ of $180 = 180 \div 10$

$$10\overline{)180} = 18$$

So, 10% of 180 = 18

(Or to divide by 10, we move each digit 1 place value to the right, or 1 place value smaller)

Jan 25-09:32

Can you work out these?

10% of 250

10% of 460

Jan 25-09:41

LI: To find percentages of an amount

So, 50% = $\frac{50}{100}$ We can simplify $\frac{50}{100}$ to $\frac{1}{2}$

divide by 50

This means that if we are asked to find 50% of an amount, it is the same as finding $\frac{1}{2}$ of that amount.

You will remember that to find $\frac{1}{2}$ of an amount, we divide by 2

Jan 25-09:16

Find 50% of 268.

$50\% = \frac{50}{100} = \frac{1}{2}$

$\frac{1}{2}$ of $268 = 268 \div 2$

$$2 \overline{)268} = 134$$

So, 50% of 268 = 134

Jan 25-09:32

Can you work out these?

50% of 450

50% of 144

Jan 25-09:41

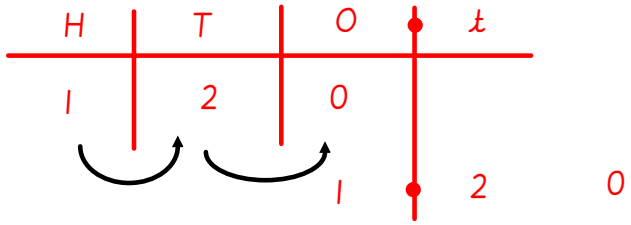
LI: To find percentages of an amount

So, 1% = $\frac{1}{100}$ This cannot be simplified.

You will remember that to find $\frac{1}{100}$ of an amount, we divide by 100

When we divide by 100, each digit moves 2 place values to the right, or 2 place values smaller.

120 ÷ 100 = 1.2

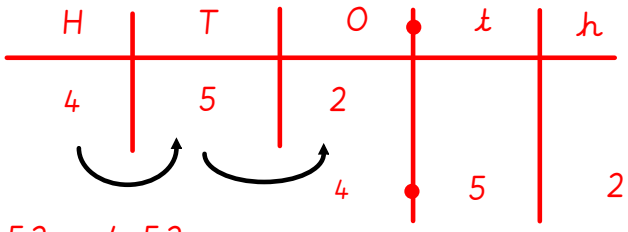


Jan 25-09:16

Find 1% of 452.

1 % = $\frac{1}{100}$

$\frac{1}{100}$ of 452 = 452 ÷ 100



So, 1% of 452 = 4.52

Jan 25-09:32

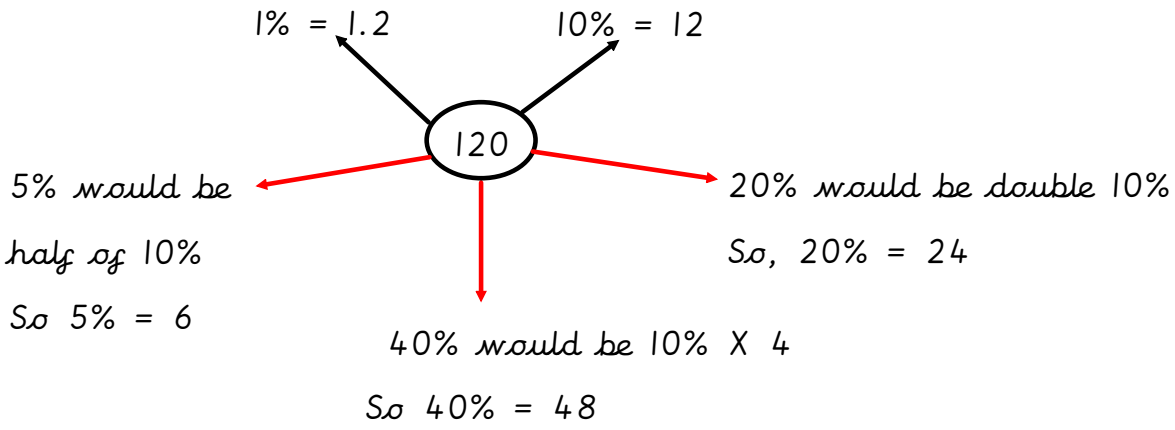
Can you work out these?

1% of 450

1% of 658

Jan 25-09:41

Once you are able to find 1% and 10% of an amount, you can use this information to find any other %.



Jan 25-09:42

Find 1% and 10% of 600. Then use this information to work out your other percentages.

1% =

10% =

Jan 25-10:18

Thank you Year 6.

As usual if you can email

UKS2parents@epcollier.reading.sch.uk

It could be photographs of your work or just a message to say you have discussed this with an adult at home.

Please put your name and Mrs Yeandle in the subject bar.

I look forward to seeing your work.

Mrs Yeandle.

Jan 25-10:19