Monday 4th May

Good morning y6

This week we will begin with focus and move onto the white rose interactive lessons later in the week as we revise fractions and percentage and investigate:

<mark>Ratio, proportion and scale factor</mark>

First of all settle down to watch a 15 minute video
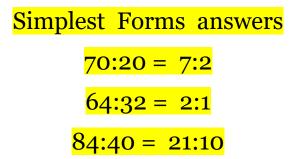
Search

For ks2 maths understanding ratio and proportion maths is easy with Lalita the superhero

Feel free to pause as you join in and try and find the answers . Listen and watch carefully.

Now I will ask a true or false question and then you can scroll down for some of the answers in the video:

4:5 is an equivalent ratio to 64:80
TRUE OR FALSE?
Explain/prove your answer

Now scroll down for some of the answers in the video....

==70:20 = 7:2==

==64:32 = 2:1==

==84:40 = 21:10==

Now complete some of focus skills worksheet:

Remember that when you find a percentage of a number you must change to the percentage to a fraction first and then divide by the denominator e.g

25% of 200 = $\frac{1}{4}$ of 200 = 200 divided by 4 =50

10% of 387 = $\frac{1}{10}$ of 387 = 38.7 (think slider!)

Find 50% of the following:
250grams; £3.50; 350Km; £17.50; 670 metres; £3.14

Find 25% of the following:
240grams   £4.40   360Km   £12.96   880 metres; £45.20

Ratio:

2 is to 3 as 4 is to ▢   4 is to 16 as 5 is to ▢

Also find 75% of   648 grams   and   75% of £ 40248

Convert 75% to a fraction….but you can't find $\frac{3}{4}$ straight away…you have to find one quarter first (25%) then x by 3 remember. It's a 2-step solution

Scroll down for   answers….

50% = 125g   £1.75   £8.75   335m £1.57

25%= 60g   £1.10   90km   £3.24   220m   £11.30

2 to 3   as 4 is to 6   4   to 16   as   5   is   to 20

75% = 486g   30186