24.03.21

LO: To calculate fractions of an amount

Starter: Use white boards to work out how many numbers are multiples of 3 and 4 up to 50?

3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48.

4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48

What is a non - unit fraction?

$\frac{3}{4}$

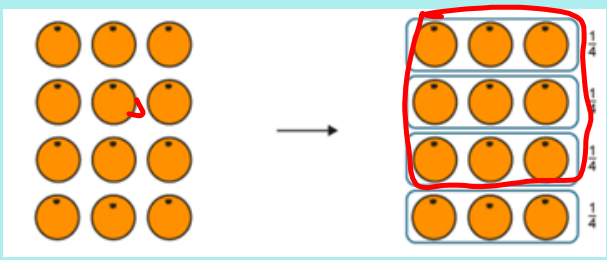
The numerator is always a one.
You have one part of a whole.

We will be finding a fraction of an amount and
we will be looking at non unit fractions.

I DO:

$\frac{3}{4}$ of 12

Divide the oranges by the denominator.



9

Look at the numerator, that tells us how many groups we have

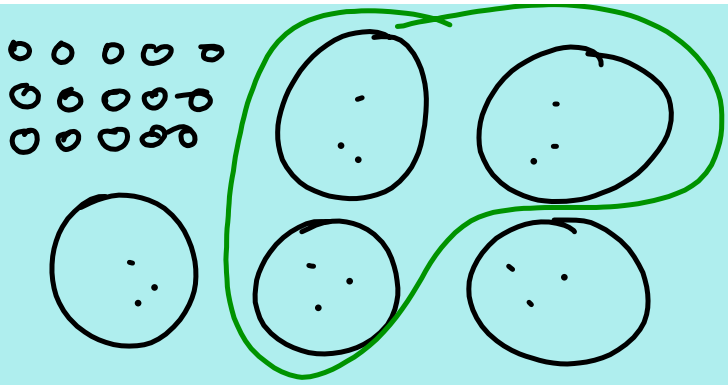
Language focus:

The whole is 12 oranges. The whole is divided into 4 equal parts.

Each part is ¼ of the whole. 1/4 of 12 oranges is 3 so 3/4 of 12 oranges is 9 oranges.

WE DO:

$\frac{3}{5}$ of 15.



Let's write the language focus together:

Three fifths of fifteen is 9.

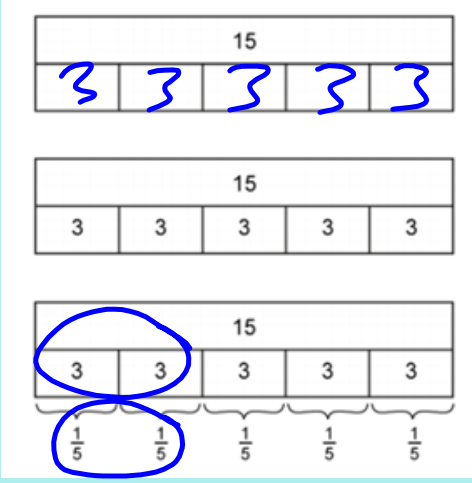
YOU DO: 2/3 of 21

4/5 of 25

2/3 of 27

Write the language focus for each question.

I DO: Look at this question, what do you already know?

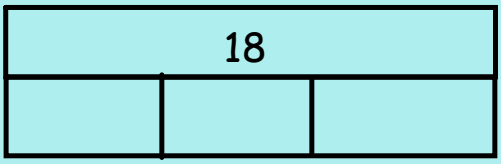


I DO:

To find of 15, we divide 15 into 5 equal parts. 15 divided by 5 is equal to 3, so of 15 is equal to 3.

2/5 of 15 is 2 lots of 3 which is 6.

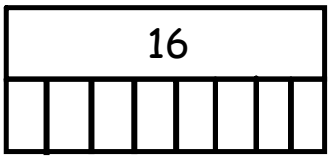
WE DO:



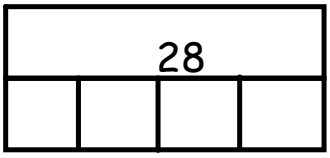
2/3 of 18

Now let's write the language focus:

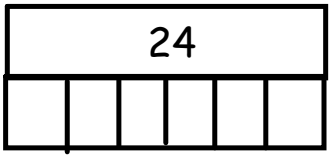
YOU DO:



2/8 of 16



3/4 of 28



2/6 of 24

Challenge:

Think that 2/3 of 15 is 5.

Do you agree?
Explain your answer.