

25.3.20

**LO. To find a fraction of a (larger) amount**

In the video, I used a **bar model** and place value counters to help me find **one quarter of 84**.

$$\frac{1}{4} \text{ of } 84 = 21$$



**Your turn:**

Use my method to find these unit fractions.

*"Divide by the **bottom**"*

1.  $\frac{1}{3}$  of 36

2.  $\frac{1}{3}$  of 45

3.  $\frac{1}{5}$  of 65

Now, have a go at these non-unit fractions. Remember there are two steps when working out these questions.

*"Divide by the **bottom**. Times by the **top**"*

4.  $\frac{2}{3}$  of 63

5.  $\frac{3}{4}$  of 48

6.  $\frac{2}{5}$  of 55

### Challenges

#### Mild

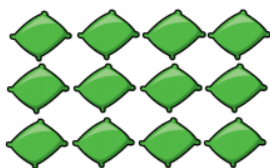
Fill in the Blanks

$$\frac{1}{3} \text{ of } 60 = \frac{1}{4} \text{ of } \square$$

$$\frac{1}{\square} \text{ of } 50 = \frac{1}{5} \text{ of } 25$$

**Hot** - read this one carefully!

This is  $\frac{3}{4}$  of a set of beanbags.



How many were in the whole set?

#### Spicy

Ron has £28

On Friday, he spent  $\frac{1}{4}$  of his money.

On Saturday, he spent  $\frac{2}{3}$  of his remaining money and gave £2 to his sister.

On Sunday, he spent  $\frac{1}{5}$  of his remaining money.

How much money does Ron have left?

What fraction of his original amount is this?

