Follow this sheet to revisit a topic from year 5 maths. Complete as much as you feel confident doing.

Warm up

L.O: Fractions of an amount.

To find the fractions of amounts you need to remember that fractions are part of a whole.

The whole is the total amount.
The denominator tells me how many parts it is split into.
The numerator tells me how many parts to total up.

So you need to follow a simple method.

Whole number divided by denominator then the answer is multiplied by the numerator.

Take a look at-
https://www.youtube.com/watch?v=E2QvVicQcMo
Copy and complete into your exercise book.

2 Complete the calculations.

a) $\frac{1}{3}$ of 27

$\frac{2}{3}$ of 27

$\frac{3}{3}$ of 27

b) $\frac{1}{3}$ of 72

$\frac{1}{6}$ of 72

$\frac{1}{12}$ of 72

c) $\frac{1}{3}$ of 90

$\frac{2}{6}$ of 90

$\frac{3}{9}$ of 90

What patterns do you notice?

3 Write <, > or = to compare the calculations.

a) $\frac{5}{7}$ of 56 ◯ $\frac{5}{8}$ of 56

b) $\frac{4}{7}$ of 56 ◯ $\frac{5}{8}$ of 56

c) $\frac{2}{3}$ of 63 ◯ $\frac{5}{8}$ of 64

d) $\frac{7}{10}$ of 350 ◯ $\frac{5}{7}$ of 350

1 Annie and Mo are finding fractions of amounts.

a) Annie is trying to find $\frac{1}{5}$ of 45

She draws this bar model.

45

?
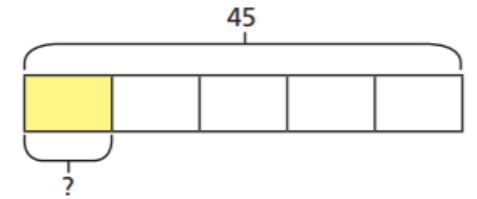
How does the bar model represent the calculation?

What is $\frac{1}{5}$ of 45?

5 165 children and adults go on a school trip.

Two thirds of the people are children.

a) How many adults are on the school trip?

b) $\frac{3}{5}$ of the children are boys.

How many boys are on the school trip?

c) $\frac{7}{10}$ of the children have an apple for lunch.

How many children do **not** have an apple for lunch?

6 Which is the odd one out?

$\frac{3}{4}$ of 80 | $\frac{3}{8}$ of 160 | $\frac{2}{3}$ of 90 | $\frac{3}{4}$ of 100

Explain your choice.