Year 3/4 Maths Evening

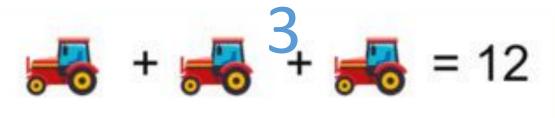## 15th January 2020

WELCOME
Have a go at the sheet on your table while we wait for everyone to arrive.

Year 3

Year 4

$$100 \div 4$$

$$200 \div 8$$

$$400 \div 16$$

720 ÷ 36

360 ÷ 18

60 ÷ 3

Do it: Find a unit fraction of a number

Find:

$\frac{1}{2}$ of 18

$\frac{1}{2}$ of 24

$\frac{1}{2}$ of 30

Find:

- $\frac{1}{4}$ of 16

- $\frac{1}{4}$ of 20

- $\frac{1}{4}$ of 40

Find:

- $\frac{1}{5}$ of 15

- $\frac{1}{5}$ of 30

- $\frac{1}{5}$ of 45

Find:

- $\frac{1}{8}$ of 16

- $\frac{1}{8}$ of 24

Show a fraction as a bar model

1 whole

The whole sits on the top of the bar model.
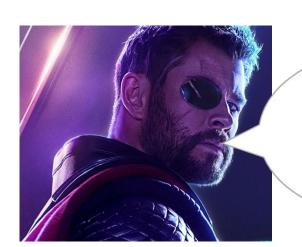
Can you show me a bar model for the following fractions? –
Fifths
Eights
Quarters
Thirds

Twist it: Find a unit fraction of a number

$\frac{1}{6}$ of 18 = 6

$\frac{1}{6}$ of 18 = 18

$\frac{1}{6}$ of 18 = 3

Who is correct? Why?
Who is incorrect? Why?
Discuss with your partner.
How can you prove it?

3 Alf, Bart, and Carina have some buttons.

- Alf and Bart both have 185 buttons.
- Carina has 101 buttons.
- Alf and Bart give Carina the same number of buttons.
- They now all have the same number of buttons.

How many buttons did Alf give Carina?

A | 185

B | 185

C | 101