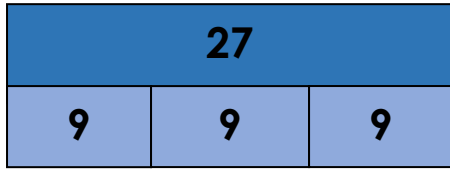


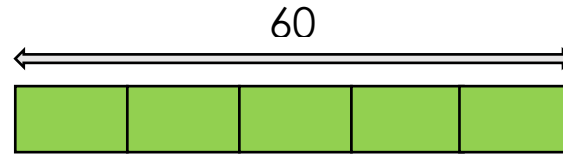
Fractions of a quantity...



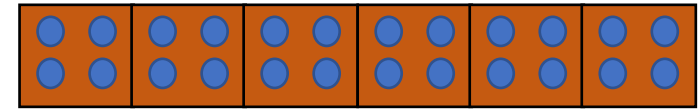
One third of 27 =  $27 \div 3 = 9$

$$\frac{1}{5} \text{ of } 60 = 60 \div 5 = 12$$

$$\frac{2}{5} \text{ of } 60 = (60 \div 5) \times 2 = 24$$



There are 24 sweets in a bag. They are shared between 6 friends.



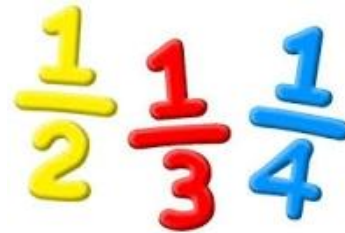
How many sweets does each friend get?  $\frac{1}{6}$  of 24 = 4

How many sweets do 3 friends get?  $\frac{3}{6}$  of 24 = 12

VOCABULARY

- quantity
- unit fraction
- non-unit fraction

A unit fraction has a numerator of 1.



The rule...

Divide by the denominator then multiply by the numerator.

$$\frac{3}{4} \text{ of } 48$$

1) divide by 4



2) multiply by 3



Choosing the most efficient method...

$\frac{4}{5}$  of 35  $\longrightarrow$  count in 5s (or use known number facts) to find one fifth then multiply by 4

$$35 \div 5 = 7$$

$$7 \times 4 = 28$$

$\frac{4}{5}$  of 35 = 28

$\frac{4}{5}$  of 240  $\longrightarrow$  use the bus stop method to find one fifth then multiply by 4

$$5 \overline{) 240} \begin{array}{r} 2 \quad 4 \\ 10 \\ 40 \\ 0 \end{array}$$

$$\begin{array}{r} 48 \\ X 4 \\ \hline 192 \\ 3 \end{array}$$

$\frac{4}{5}$  of 240 = 192