#### Mathematics

# Understanding percentage as a fraction and decimal





#### New learning: percent

What is 50% as a decimal?

$$\frac{1}{2} = \frac{1}{100} = \frac{\%}{100}$$



## New learning: percent

What is 25% as a decimal? What is 20% as a decimal?

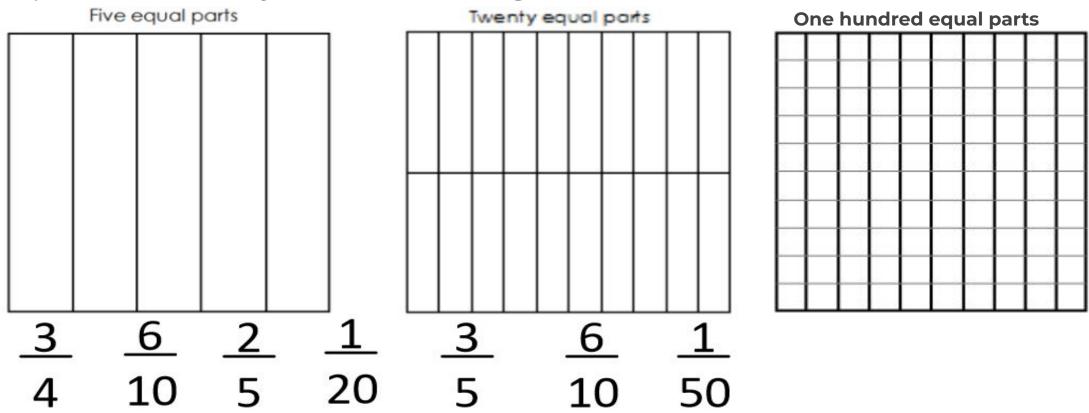
$$\frac{1}{4} = \frac{1}{100} = \frac{\%}{100}$$

$$\frac{1}{5} = \frac{1}{100} = \%$$



### New learning: percent

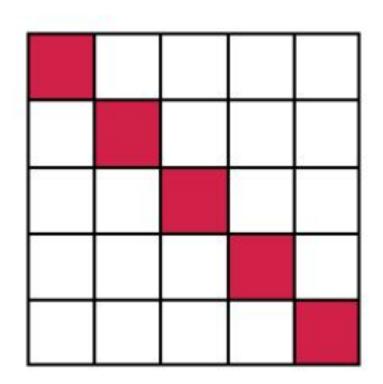
What percentages, fractions and decimals can you represent with your hundred grid?

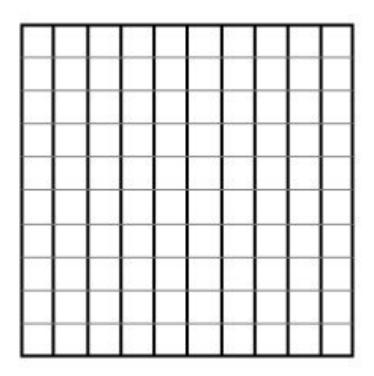




#### Develop learning: percent

How many different ways can you explain that the one fifth of the shape is coloured red?







### Develop learning: percent

These are the main fractions, decimals and percent:

100% **50%** 0.5 1/2 25% 1/4 0.25 3/4 75% 0.75 20% 0.2 40% 0.4 60% 0.6 80% 8.0

They can be used to calculate too:



#### Independent task

Complete the calculations:

