

Understand percentages

Tuesday 19th May 2020

Okay, now that we have begun to understand tenths, hundredths and thousandths as fractions of a whole one, we are going to focus on understanding percentages.

Percentages are related to hundredths (parts per hundred) and are shown using the % symbol. As a reminder, the % symbol looks like it could be made from a 1 and two 0s (100).

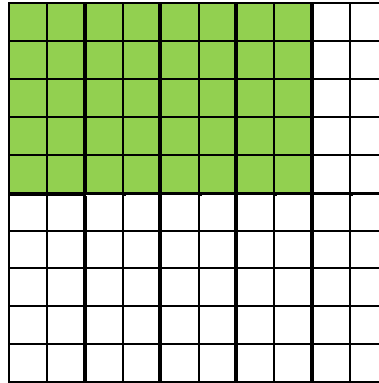
Here's an example;

forty hundredths ($\frac{40}{100}$) = 0.4

$\frac{40}{100}$ = 40 parts per 100 = 40%

Simple, right?

(This is also the same as $\frac{4}{10}$)

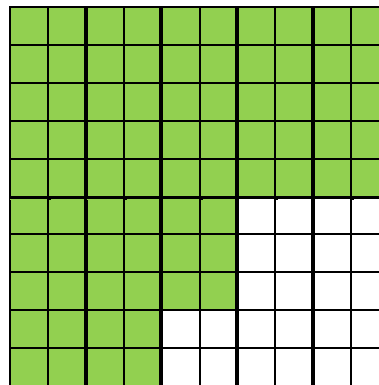


What about this?

seventy six hundredths ($\frac{76}{100}$) = 0.76

$\frac{76}{100}$ = 76 parts per 100 = 76%

It really is as easy as that!



We see percentages in our daily lives all the time – 25% of year 5 pupils prefer chocolate ice cream to any other (we surveyed 100 year 5 pupils, 25 of them said that they prefer chocolate ice cream); a 50% discount from a £100 console would mean taking £50 off the price; if you played a quiz with 100 questions and you answered 83 correctly, your score would be $\frac{83}{100}$, or 83% (you would need to have answered a further 17 questions correctly to score $\frac{100}{100}$, or 100%.

Today, we just need to reinforce the concept of % being 'out of 100' and tomorrow we will finish off by looking at percentages, fractions and decimals together.

The tasks and extension for each group today will be the same, with different Do Me Firsts.