Decimals, Percentages and Fractions are all part of a whole instead of being above 1.

1	>	99%
1	>	0.99
1	>	$\frac{99}{100}$

$\frac{1}{2}$ → how many parts we need to look at

→ how many parts it's split into

Key Vocabulary:

- Numerator
- Denominator
- Percent
- Tenth
- Hundredth
- Thousandth

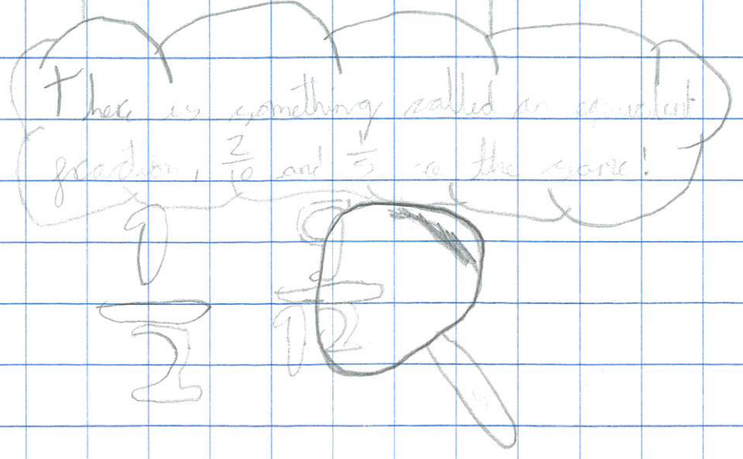
Surprisingly, they're all the same.

$\frac{99}{100}$ → 0.99 → 99%

0.99 → $\frac{99}{100}$ → 99%

99% → $\frac{99}{100}$ → 0.99

There is something called an equivalent fraction, $\frac{2}{10}$ and $\frac{1}{5}$ is the same!



Maths

Ordering fractions, decimals and percentages can be easy once converted

$\frac{3}{4}$ $\frac{1}{2}$ $\frac{1}{4}$

0.75 $\frac{5}{10}$ 25%

25% $\frac{5}{10}$ 0.75

Adding Multiplying and Subtracting FRACTIONS

Adding

First times the numerators

$\frac{3}{12} \times \frac{4}{6} = \frac{12}{72}$

Then the denominators

You only need to add the numerators

$\frac{3}{6} + \frac{4}{6} = \frac{7}{6}$ $1\frac{1}{6}$

Now change it to a mixed

Example Questions

$75\% = \frac{3}{4} = 0.75$

$40\% = \frac{2}{5} = 0.4$

$80\% = \frac{4}{5} = 0.8$

$\frac{10}{100}\% = \frac{1}{10} = 0.1$

$95\% = \frac{19}{20} = 0.95$

Subtracting

You only need to subtract the numerators

$\frac{9}{10} - \frac{6}{10} = \frac{3}{10}$

$\frac{6}{10}$ 0.6 60%