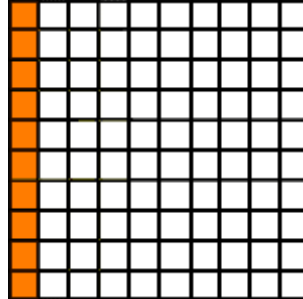




Changing percentages to fractions

The word **percentage** means 'out of 100'. The % sign is used to show percentage.



In the example above **10 squares out of 100** are shaded. This could be written as **10%**.

Written as a fraction: $10\% = \frac{10}{100}$, which can be simplified to $\frac{1}{10}$.

To write a percentage as a fraction put the number over 100 and simplify if possible.

Examples of writing percentages as fractions:

$$5\% = \frac{5}{100} = \frac{1}{20}$$

$$25\% = \frac{25}{100} = \frac{1}{4}$$

$$50\% = \frac{50}{100} = \frac{1}{2}$$

$$75\% = \frac{75}{100} = \frac{3}{4}$$

$$40\% = \frac{40}{100} = \frac{2}{5}$$

$$20\% = \frac{20}{100} = \frac{1}{5}$$