



Fluency Facts

Target 6-3

To convert between fractions, decimals and percentages

By the end of this half term, you should know the following facts. The aim is to recall these facts **instantly**. You should also be familiar with using the key vocabulary.

Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	50%
$\frac{1}{3}$	0.33	33.33%
$\frac{1}{4}$	0.25	25%
$\frac{1}{5}$	0.2	20%
$\frac{1}{10}$	0.1	10%
$\frac{1}{20}$	0.05	5%
$\frac{4}{10}$	0.4	40%
$\frac{6}{10}$	0.6	60%
$\frac{7}{10}$	0.7	70%
$\frac{8}{10}$	0.8	80%
$\frac{9}{10}$	0.9	90%

Key
Vocabulary
Tenths
Hundredths
Decimal
Fraction
Percentage

Children should be able to convert between decimals and fractions for $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$ and any number of tenths and hundredths.

Top Tips!

- Practise little and often. Use your time wisely – could you practise on the way to school or while waiting in a queue at the supermarket?
- Play games – Make some cards with pairs of equivalent fractions and decimals. Use these to play the memory game or snap. Or make your own dominoes with fractions on one side and decimals on the other.
- Try to spot fractions, decimals or percentages in real life and see if you can convert them.
- Revisit – You may think you know your target facts after one week, but if you don't practise regularly, you'll soon forget! Keep revisiting old facts regularly to keep them locked in your head!