



Year 5, Term 6

Target: know the decimal and percentage equivalents of the fractions $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$ tenths and fifths.

By the end of this half term, children should know and be able to recall the following facts instantly:

Key vocabulary

percentage, equivalent, fraction, decimal, half, quarter, tenth, fifth

Key questions

What is the decimal equivalent of 50%

Write 0.25 as a fraction.

Write 40% as a fraction and a decimal.

Examples

Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	50%
$\frac{1}{4}$	0.25	25%
$\frac{3}{4}$	0.75	75%
$\frac{1}{5}$	0.2	20%
$\frac{2}{5}$	0.4	40%
$\frac{1}{10}$	0.1	10%
$\frac{1}{100}$	0.01	1%

Useful websites

<https://www.topmarks.co.uk/maths-games/7-11-years/fractions-and-decimals>

https://www.mathplayground.com/index_fractions.html

<https://nrich.maths.org/1249>

<https://www.bbc.co.uk/bitesize/topics/zhdwxnb/articles/zwehxbk>

<https://www.mathsisfun.com/decimals-menu.html>

<https://www.mathsisfun.com/convertng-percents-decimals.html>

<https://www.mathsisfun.com/fractions-menu.html>