



Donnington Wood CE  
Junior School

# Key Instant Recall Facts

Year 6: Spring 1

**Target: I can recall equivalences between simple fractions, decimals and percentages.**

By the end of this half term, children in Year 6 should know the following facts and be able to recall them **instantly**:

$\frac{1}{2}$	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%

## Key Vocabulary

fraction, decimal, percentage, equivalent, half, quarter, three-quarters, fifth, tenth, hundredth, decimal point

## Examples of Key Questions

Write 0.1 as a fraction.

Write  $\frac{1}{4}$  as a decimal.

How would you write 75% as a fraction?

How many tenths are there in 0.3?

How many hundredths are there in 0.72?

If 0.4 is  $\frac{2}{5}$ , what is 0.6 as a fraction?

## Top Tips to help at home

The secret to success is to practise **little** and **often**. Use your time wisely. Can you practise these facts whilst walking to school, during a car journey or even at breakfast? You don't need to learn them all at once: perhaps try learning a fact a day.

### Play games

- **Make cards** – Create cards with sets of equivalent fractions, decimals and percentages on. You could use them as flash cards to quiz your child or use them to play games such as SNAP
- **Dominoes** – Make your own dominoes with fractions on one and decimals or percentages on the other.
- **Create a board game or treasure hunt** related to equivalent fractions, decimals and percentages.

**Let's shop** – Get your child to work out discounts in the sale. Use recipes and convert measurements.

## Useful website links

### [Topmarks](#)

Lots of different FDP games



### [Maths Playground](#)

Lots of different FDP games



### [Nrich](#)

Lots of different FDP games



### [Maths is Fun](#)

Guide to converting between FDP



### [Wordwall.net](#)

Lots of different FDP games

