

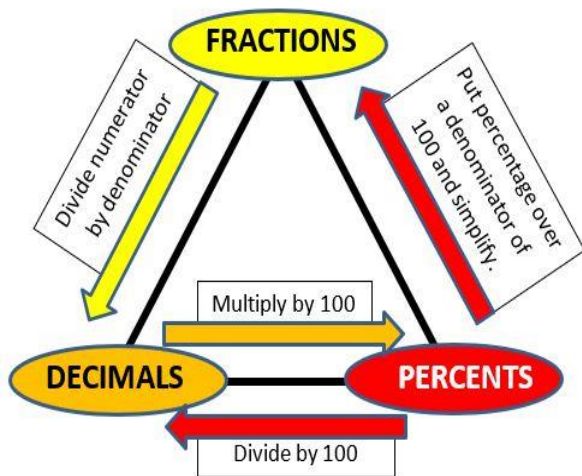
Key Instant Recall Facts

Year 6: Spring 1

WALT: convert between fractions, decimals, and percentages

This KIRF will be tested at the start and end of the term. In school, your child will receive one, fifteen-minute, timetabled slot a week to practise this skill. **By the end of this half term, children in Year 6 should know the following facts and be able to recall them instantly:**

Some Examples:



Key Vocabulary:

Convert – to change the expression without changing the size or amount

Decimal number – a number that is made up of parts of a whole.

Fraction – a fraction represents the equal parts of the whole.

Per cent – parts per 100. It shows the ratio 'out of 100'.

Key Questions:

- . What is 15% as a fraction and decimal?
- . Which is closer to 100%, 45 or 0.5? How do you know?
- . Complete the sentence- to convert a decimal to a percentage you ...

Top Tips:

The secret to success? Practise little and often! Can you learn these on your way to school? On a car journey? Or even at the breakfast table? You don't need to learn them all at once: start with those you are more confident with before tackling the rest. Why not practise whilst keeping active? You could throw and catch or kick a ball whilst learning them!

Play Games!

- ✓ Dominos- write the fraction, decimal and percentage of the domino that is showing.
- ✓ Pairs game- make your own fraction, decimal, percentage card matching game.
- ✓ FDP Poster- create a poster which explains how to convert between fractions, decimals, and percentages.
- ✓ Let's go shopping- look out for percentages when out shopping. What is 25% as a decimal?

Useful Websites (games and information):

- <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/zwkhxbk>
- <https://www.mathsisfun.com/decimals-menu.html>
- <https://www.mathsisfun.com/converting-percents-decimals.html>
- <https://www.mathsisfun.com/fractions-menu.html>
- <https://www.mathplayground.com/percent04.html>
- <https://whiterosemaths.com/homelearning/year-6/spring-week-3-number-percentages/>

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%