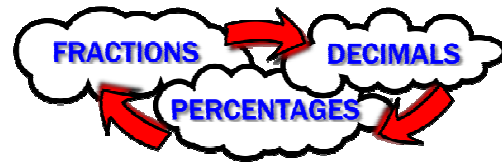


Year Six—Spring 1



Fractions	Decimal	Percentage
$\frac{1}{10}$	0.1	10%
$\frac{2}{10}$ $\frac{1}{5}$	0.2	20%
$\frac{1}{4}$	0.25	25%
$\frac{4}{10}$ $\frac{2}{5}$	0.4	40%
$\frac{1}{2}$	0.5	50%
$\frac{6}{10}$ $\frac{3}{5}$	0.6	60%
$\frac{3}{4}$	0.75	75%
$\frac{8}{10}$ $\frac{4}{5}$	0.8	80%
$\frac{9}{10}$	0.9	90%
$\frac{7}{100}$	0.07	7%
$\frac{1}{8}$	0.125	12.5%
$\frac{1}{3}$	0.33	33.33%
$\frac{2}{3}$	0.66	66.66%

I know my key fraction,
decimal, percentage
equivalents

As part of our maths focus in school we have introduced KIRFs. (Key Instant Recall Facts) These are designed to support the development of children’s core understanding leading to a solid foundation of key skills. This will benefit their problem solving, reasoning and application in the mathematics curriculum.

The children are practising these skills daily and have already seen a huge difference in their confidence and understanding. Further support from home will ensure these are facts that the children know, rather than ones they have to work out.

By the end of this half term the children should be able to recall all of the key fraction, decimal, percentage equivalents listed below. The aim is for them to be able to recall these facts instantly.

Key Vocabulary:

Fraction	Decimal	Decimal point
Percentage	Parts of	Equivalent
Denominator	Numerator	Equivalence
Simplified	Expanded	Recurring

Top Tips:

The secret to success is little and often. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You don’t need to practise them all at once: perhaps you could have a fact of the day.

Making this mathematics real and contextualised will help the children to develop a more holistic understanding of these concepts. Be sure to talk regularly and make the most of all opportunities you can come across.

Thank you for supporting this learning.