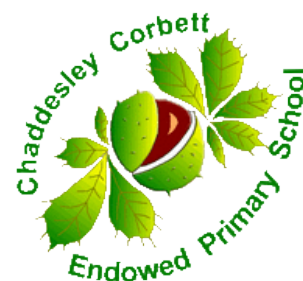# Key Instant Recall Facts

Y6 – Spring 1

I can convert between fractions, decimals and percentages.

Key facts and vocabulary			
Fraction	**Decimal**	**Percentage**	
$\frac{1}{2}$	0.5	50%	Possible questions:
$\frac{1}{4}$	0.25	25%	What is an equivalent fraction to 60%?
$\frac{3}{4}$	0.75	75%	How can you express 0.7 as a percentage?
$\frac{1}{10}$	0.1	10%	Write two-fifths as a decimal?
$\frac{3}{10}$	0.3	30%	What's the simplest way to represent $\frac{6}{20}$?
$\frac{1}{5}$	0.2	20%	How many tenths is 0.9?
$\frac{4}{5}$	0.8	80%	
$\frac{1}{100}$	0.01	1%	
$\frac{49}{100}$	0.49	49%	

Take it further:

- Solve calculations with fractions, decimals and percentages.

  e.g.   60% x 400 = 240 $\frac{2}{7}$ of 35 = 10   5 x 0.2 = 1

- Calculate the whole from a fraction, decimal or percentage.

  e.g.   0.4 = 12   therefore the whole is 30

Top Tips

The secret to successfully embedding knowledge is practising it **little** and **often**. Regularly return to the skills and incorporate into simple games and other activities.
 	
Ideas:
• Quick questions to solve (e.g. in the car or during breakfast)
• Working out discounts when shopping (What's the cost of this item if it's 25% off?)
• Revision materials (websites and books).
• Use websites for information and games:
    o https://mathsframe.co.uk/en/resources/resource/120/match_fractions_decimals_and_percentages#.UCdcd2MsCEY
    o https://www.topmarks.co.uk/maths-games/daily10 (DECIMAL EQUIVALENTS IN LEVEL 6)
    o https://www.mathsisfun.com/decimal-fraction-percentage.html
    o https://claritymaths.uk/games/memory/fractions-decimals-percentages.html