Key Instant Recall Facts

Year 4 - Spring 2

Kirk Fenton CE PRIMARY SCHOOL

Recognise decimal equivalents of ½, ¼ and ¾

Children should be able to convert between decimals and fractions for ½, ¼, ¾ and any number of tenths and hundredths.

By the end of this half term children need to be able to instantly recall the following facts

$\frac{1}{2} = 0.5$	$\frac{1}{10} = 0.1$	$\frac{1}{100} = 0.01$
$\frac{1}{4} = 0.25$	$\frac{2}{10} = 0.2$	$\frac{7}{100} = 0.07$
$\frac{3}{4} = 0.75$	$\frac{5}{10} = 0.5$	$\frac{21}{100} = 0.21$
	$\frac{6}{10} = 0.6$	$\frac{75}{100} = 0.75$
	$\frac{9}{10} = 0.9$	$\frac{99}{100} = 0.99$

Key Vocabulary

- equivalent
- fraction
- decimal
- equal to
- How many tenths is 0.8?
- How many hundredths is 0.12?
- Write 0.75 as a fraction.
- Write $\frac{1}{4}$ as a decimal.

Things to try

- You don't need to practise them all at once: start with tenths before moving on to hundredths.
- Play games - Make some cards with pairs of equivalent fractions and decimals. Use these to play the memory game or snap. Or make your own dominoes with fractions on one side and decimals on the other.
- Play some online games matching fractions to decimals. This fun game also includes the next step of linking percentages: https://nrich.maths.org/1249
- Discuss fractions, decimals and percentages in everyday life e.g.: Three quarters of the class handed in their homework. This is 75 % it is 0.75 of the whole class.
- Watch this video to help with tenths and hundredths. https://www.youtube.com/watch?v=N6qFgzv3ICU