



Maths Home Learning at St Pauls Primary School

Key Instant Recall Facts

Year 5 Spring 2



Target: Know the decimal and percentage equivalents of the fractions $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$, $\frac{1}{3}$, $\frac{2}{3}$, tenths and fifths

By the end of this half term, children should know the following facts. The aim is to recall these facts instantly.

$$\frac{1}{2} = 0.5 = 50\%$$

$$\frac{1}{4} = 0.25 = 25\%$$

$$\frac{3}{4} = 0.75 = 75\%$$

$$\frac{1}{10} = 0.1 = 10\%$$

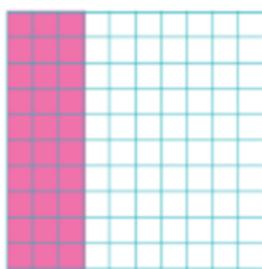
$$\frac{3}{10} = 0.3 = 30\%$$

$$\frac{1}{5} = 0.2 = 20\%$$

$$\frac{3}{5} = 0.6 = 60\%$$

$$\frac{1}{100} = 0.01 = 1\%$$

Children should be able to convert between decimals, fractions and percentages for $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$ and any number of tenths. One way to help children to understand percentages and how they link to fractions is to represent them on a blank hundred grid



30 per cent

30 out of 100

$$\frac{30}{100} = \frac{3}{10}$$

This can then be shown on a place value chart to help them to convert to a decimal.

Ones	Tenths	Hundredths
	●	
	● ● ● ●	
0	3	

KEY VOCABULARY

division
divide
fraction
equivalent
percentage
decimal

Top tips

Top Tips - The secret to success is practising little and often. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You do not need to practise them all at once; perhaps you could have a fact of the day. Play games – Make some cards with equivalent fractions, decimals and percentages. Use these to play memory game or snap. Or make your own dominoes with fractions on one side and decimals on the other