




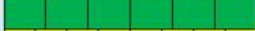







## Key Instant Recall Facts Year 6 – Spring 1

### I know common fraction, decimal and percentage equivalences

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

	Fraction	Percentage	Decimal
	1 whole	100%	1
	$\frac{1}{2}$	50%	0.5
	$\frac{1}{3}$	33.3%	0.33
	$\frac{1}{4}$	25%	0.25
	$\frac{1}{5}$	20%	0.2
	$\frac{1}{6}$	16.7%	0.167
	$\frac{1}{8}$	12.5%	0.125
	$\frac{1}{10}$	10%	0.1
	$\frac{1}{12}$	8.3%	0.083

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### Key Vocabulary

Write 0.75 as a **fraction**  
Write  $\frac{1}{4}$  as a **decimal**  
What is  $\frac{3}{4}$  as a **percentage**?

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 and hundredths.

They should be able to explain how they know that a fraction, decimal and percentage are equivalents, e.g.  $\frac{1}{2}$  is the same as  $\frac{50}{100}$  which is equal to 50% and as a decimal 0.50 or 0.5. Putting a fraction over 100 can help with some decimals and percentages.

### **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? If you would like more ideas, please speak to your child's teacher.

Play games – Make some cards with equivalent fractions, decimals and percentages. Use these to play the memory game or snap. Make your own dominoes with fractions on one side and decimals on the other.

Note – We do not expect children to know all fraction, decimal and percentage equivalences instantly but would expect them to be able to work them out within a minute or so for common equivalents.