



Spring 1 Key Instant Recall Facts (KIRFS) - I can convert between fractions, decimals and percentages.

Vocabulary

Fraction	A number that represents a part of a whole
Percentage	'Per' means out of; 'Cent' means 100 so 'Percentage' means out of 100.
Decimal	A decimal is a way of writing a number that is not whole. Decimal numbers are 'in between' numbers. For example, 10.4 is in between the numbers 10 and 11.
Convert	To change something to something else.



Percentages to Decimals

To convert from percent to decimal: divide by 100, and remove the "%" sign. The easiest way to divide by 100 To convert from decimal to percent: multiply by 100, and add a "%" sign.

From Percent	To Decimal
75%	0.75 2 Places
From Decimal	To Percent
0.125	12.5% 2 Places

How can my parents help at home?

When practising key recall facts, it is important to do so little but often.

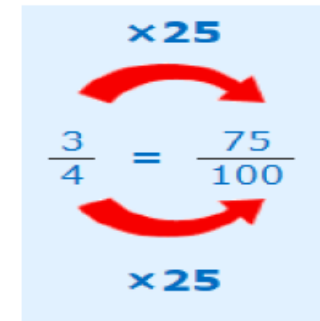
Help them learn the key facts shown below, such as $\frac{3}{4} = 0.75 = 75\%$. These key facts will help them with more complex conversions. You may question them to test their knowledge: if $\frac{1}{5}$ is equal to 0.2, what is $\frac{2}{5}$ equal to? You could play matching games, including <https://nrich.maths.org/1249>

<https://www.topmarks.co.uk/>

<https://mathsframe.co.uk/>

Fractions and Decimals

Find a number you can multiply by **the bottom of the fraction** to make it 10, or 100, or 1000, or any 1 followed by 0s. Multiply both top and bottom by that number. Then write down just the top number, putting the decimal point in the correct spot (one space from the right hand side for every zero in the bottom number)



Answer = 0.75