



Key Instant Recall Facts

Year 4 — Summer 2

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **with speed and accuracy**:

I can identify decimals equivalent of the fractions $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$, tenths or hundredths.

Children should be able to convert between decimals and fractions for $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$ and any number of tenths and hundredths.

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

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

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

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

$$\frac{2}{10} = 0.2$$

$$\frac{7}{100} = 0.07$$

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

$$\frac{5}{10} = 0.5$$

$$\frac{21}{100} = 0.21$$

$$\frac{6}{10} = 0.6$$

$$\frac{75}{100} = 0.75$$

$$\frac{9}{10} = 0.9$$

$$\frac{99}{100} = 0.99$$

What can this look like?

Concrete:

8 tenths = 0.8

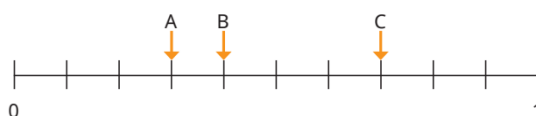


Pictorial:

Bar model	Fraction	Decimal
		0.1
	$\frac{5}{10}$	

Give your answers as fractions and decimals.

Abstract:



Top tips

The secret to success is practising **little and often**. Use time wisely. Can you practise this KIRF whilst walking to school or during a car journey? You do not need to practise all aspects of the KIRF all at once; perhaps you could have a fact of the day, or a few facts per week to practise?

Things to try

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.

Key vocabulary

Decimals
Fractions
Tenths
Hundredths
equivalent

Key Questions

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**

Websites

www.topmarks.co.uk/maths-games/daily10 - Level 4 – Fractions – decimal equivalents