



Key Instant Recall Facts

Year 4 – Spring 2

I can recall $\frac{1}{2}$ and $\frac{1}{4}$ of amounts and recognise decimal equivalents of fractions.

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

Number	Half	Quarter		Number	Half	Quarter
2	1			10	5	
4	2	1		20	10	5
6	3			30	15	
8	4	2		40	20	10
10	5			50	25	
12	6	3		60	30	15
14	7			70	35	
16	8	4		80	40	20
18	9			90	45	
20	10	5		100	50	25

Key Vocabulary

How many **tenths** is 0.8?

What is **half** of 10/50/100?

Write 0.75 as a **fraction**?

Write $\frac{1}{4}$ as a **decimal**?

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

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

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

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

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

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

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

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

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

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 don't need to practise them all at once. Learn your halves for numbers up to 20 before moving to multiples of ten, quarters and then learning your decimals. Try to spot any patterns. If you would like more ideas, please speak to your child's teacher.

Play games - Make some cards with pairs of equivalent fractions and decimals or a number and its half. Use these to play the memory game or snap. Or make your own dominoes with fractions on one side and decimals on the other.