



Key Instant Recall Facts

Year 6 Spring Term 1



I can convert between decimals, fractions and percentages

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

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

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

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

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

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

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

$$\frac{9}{10} = 0.9 = 90\%$$

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

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

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

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

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

$$\frac{1}{8} = 0.125 = 12.5\%$$

Key Vocabulary

How many **tenths** is 0.8?

How many **hundredths** are equal to 0.12?

Write 0.75 as a fraction

Write $\frac{1}{4}$ as a decimal and a percentage.

How could I find 25%?

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.

Top Tips

Practise little and often. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practise them all at once: have a fact of the day.

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.