



Key Instant Recall Facts

Year 6 – Term 3

I can convert between fractions, decimals and percentages

By the due date for this homework, children should know the fraction, decimal and percentage equivalent for each hundredth up to one whole. The aim is for them to recall these facts instantly. Children will have 10 questions to answer to assess their understanding.

Some examples:

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

$$0.02 = \frac{2}{100} = 2\%$$

$$0.05 = \frac{5}{100} = 5\%$$

$$0.1 = \frac{1}{10} = \frac{10}{100} = 10\%$$

$$0.2 = \frac{2}{10} = \frac{20}{100} = 20\%$$

$$0.25 = \frac{25}{100} = \frac{1}{4} = 25\%$$

$$0.3 = \frac{3}{10} = \frac{30}{100} = 30\%$$

$$0.33 = \frac{33}{100} = \frac{1}{3} = 33\%$$

$$0.4 = \frac{4}{10} = \frac{2}{5} = \frac{40}{100} = 40\%$$

$$0.5 = \frac{5}{10} = \frac{1}{2} = \frac{50}{100} = 50\%$$

$$0.6 = \frac{6}{10} = \frac{60}{100} = 60\%$$

$$0.67 = \frac{67}{100} = \frac{2}{3} = 67\%$$

$$0.7 = \frac{7}{10} = \frac{70}{100} = 70\%$$

$$0.75 = \frac{75}{100} = \frac{3}{4} = 75\%$$

$$1 = \frac{1}{1} = \frac{10}{10} = \frac{100}{100} = 100\%$$

Key Vocabulary

How many **tenths** is 0.8?

How many **hundredths** is 13%?

What is $\frac{43}{100}$ as a **decimal**?

What is 0.75 as a **fraction**?

What is 0.05 as a **percent**?

This list includes some examples of facts that children should know. They should be able to answer questions writing in any order as in the 'vocabulary' box.

Top Tips

The secret to success is practising little and often. Use time wisely. Can you practise these key facts while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact a day. If you would like more ideas, please speak to your child's teacher.

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