

# Year 6 – Term 3

**I can convert between decimals, fractions and percentages.**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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: start with tenths before moving on to hundredths. 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. 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

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?