

# Key Instant Recall Facts

## Year 6 – Summer 2

Convert between fractions, decimals and percentages.

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

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

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

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

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

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

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

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

$$0.6 = 60\%$$

$$0.25 = 25\%$$

$$0.48 = 48\%$$

$$0.5 = 50\%$$

$$\frac{5}{10} = 50\%$$

%

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

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

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

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

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

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

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

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

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

### Key Vocabulary

How many tenths is 0.8?

Write 0.8 as a percentage.

How many hundredths is 0.12?

Write 0.75 as a fraction.

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

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

Write 20% of 1 as a decimal.

- Use **activities** on the Year 6 part of the school website.
- Play this **online game** <https://nrich.maths.org/1249>
- Discuss fractions, decimals and percentages in **everyday life** e.g. If Harry scored 80% of all the goals this season and the team scored 10 goals, How many goals did he score? What fraction is this?