



Key Instant Recall Facts (KIRFs)

Year 6 Spring term 2

I know fraction, decimal and percentage equivalents.

$$\text{Full circle} = 1 = 1 = 100\%$$

$$\text{Half circle} = \frac{1}{2} = 0.5 = 50\%$$

$$\text{One-third circle} = \frac{1}{3} = 0.33 = 33.3\%$$

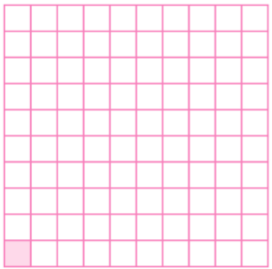
$$\text{One-quarter circle} = \frac{1}{4} = 0.25 = 25\%$$

$$\text{One-fifth circle} = \frac{1}{5} = 0.2 = 20\%$$

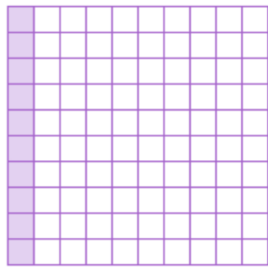
$$\text{One-eighth circle} = \frac{1}{8} = 0.125 = 12.5\%$$

$$\text{One-tenth circle} = \frac{1}{10} = 0.1 = 10\%$$

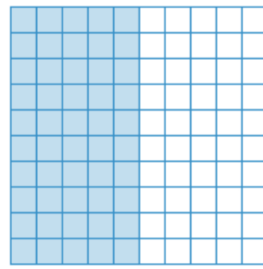
$$\text{One-hundredth circle} = \frac{1}{100} = 0.01 = 1\%$$



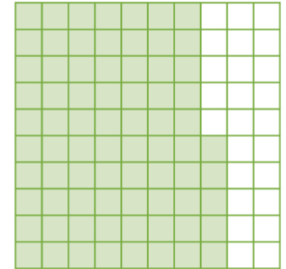
$$1\% = \frac{1}{100} = 0.01$$



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



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



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

Discuss the link between fractions, decimals and percentages. 'Percentage' means 'per cent' (per 100); 1 out of 100 is $\frac{1}{100}$; 1 hundredth; 1 hundredth as a decimal is 0.01 (there is 1 in the hundredth column).

Game Ideas

Create cards with fractions, decimals and percentages on. Ask your child to match them.