

$$4. \quad \frac{1}{10} = 10\%$$

$$\frac{1}{20} = ?\%$$

Per cent means out of 100.

$$\frac{1}{20} \xrightarrow{\times 5} \frac{5}{100} \quad \text{so} \quad \frac{1}{20} = 5\%$$

$$5. \quad a) \quad \frac{1}{4} \xrightarrow{\times 25} \frac{25}{100} = 25\% \qquad \frac{3}{4} \xrightarrow{\times 25} \frac{75}{100} = 75\%$$

$$\frac{1}{2} \xrightarrow{\times 50} \frac{50}{100} = 50\%$$

$$b) \quad \frac{1}{5} \xrightarrow{\times 20} \frac{20}{100} = 20\%$$

If I know $\frac{1}{5}$ is 20%, I can work out $\frac{2}{5}$ ($20\% \times 2$) = 40% and $\frac{4}{5}$ ($20\% \times 4$) = 80%

c) In Q4, I worked out $\frac{1}{20}$ is 5%.

$$\text{So} \quad \frac{16}{20} = 5 \times 16 = 80\%$$

$$\frac{8}{20} = 5 \times 8 = 40\%$$

$$\frac{4}{20} = 5 \times 4 = 20\%$$