

Long division

$$237 \div 5$$

$$47 \text{ r } 2 \text{ or } 47.4 \text{ or } 47\frac{2}{5}$$

$$\begin{array}{r} 5 \overline{)237} \\ \underline{200} \quad (5 \times \underline{40}) \\ 37 \\ \underline{35} \quad (5 \times \underline{7}) \\ 2 \end{array}$$



0.4 is the same as $\frac{2}{5}$

$$\frac{2}{5} = \frac{4}{10} = \underline{0.4}$$

Add $40 + 7$ (both lots of 5) = 47

You also have
2 remaining

Short division

$$\begin{array}{r} 47.4 \\ 5 \overline{) \cancel{2}^2 \cancel{3}^3 7.20} \end{array} \quad \leftarrow \text{exchanges needed}$$

(Keep place value of number)