

### 4.4 Dividing by Whole Numbers

$$\text{dividend} \div \text{divisor} = \text{Quotient}$$

$$\begin{array}{r} \text{Quotient} \\ \text{divisor} \overline{) \text{dividend}} \end{array}$$

Divisor today is a whole number

From now on there will not be remainders

$$\begin{array}{r} 0.02 \\ 8 \overline{) 0.16} \\ \underline{16} \\ 0 \end{array} \qquad \begin{array}{r} 0.8 \\ 4 \overline{) 3.2} \\ \underline{32} \\ 0 \end{array}$$

$$\begin{array}{r} 0.625 \\ 8 \overline{) 5.000} \\ \underline{48} \phantom{00} \\ 20 \phantom{0} \\ \underline{16} \phantom{0} \\ 40 \\ \underline{40} \\ 0 \end{array}$$

$$\begin{array}{r} 0.63636363 \\ 11 \overline{) 7.000} \\ \underline{66} \\ 40 \\ \underline{33} \\ 70 \\ \underline{66} \\ 40 \\ \underline{33} \\ 70 \\ \underline{66} \\ 40 \\ \underline{33} \\ 70 \end{array}$$

Round to the  
\_\_\_\_\_ place  
value

$$\begin{array}{r} 0.3043 \leftarrow \\ 23 \overline{) 7.0000} \\ \underline{69} \phantom{00} \\ 100 \phantom{0} \\ \underline{92} \phantom{0} \\ 80 \\ \underline{69} \\ 11 \end{array} \quad \boxed{0.304}$$

$$P188 - 189$$

2-36 even

44-54 even