

When dividing there is always a **dividend** and a **divisor**.

$$\begin{array}{c} \text{Dividend} \quad \div \quad \text{Divisor} \\ 20 \div 4 \end{array}$$

$$\begin{array}{c} \text{Dividend} \quad \div \quad \text{Divisor} \\ 96 \div 12 \end{array}$$

$$\begin{array}{c} \text{Dividend} \quad \div \quad \text{Divisor} \\ 100 \div 50 \end{array}$$

To use the bus stop method ($\overline{\hspace{1cm}}$), the divisor must be a whole number.

To solve $7.5 \div 0.5$
First remove the decimal from the divisor

To make the divisor whole, multiply both numbers by 10

NOTE: We have to do the same to **both** numbers

$0.5 \times 10 = 5$
 $7.5 \times 10 = 75$

NOTE: the answer to $75 \div 5$ is the same as the answer to $7.5 \div 0.5$

$$75 \div 5$$

$$7 \div 5 = 1 \text{ remainder } 2$$

$$25 \div 5 = 5$$

$$\begin{array}{r} 5 \overline{) 75} \end{array}$$

$$\begin{array}{r} 1 \\ 5 \overline{) 725} \end{array}$$

$$\begin{array}{r} 15 \\ 5 \overline{) 75} \end{array}$$

$$75 \div 5 = 15$$

$$7.5 \div 0.5 = 15$$

