

4.2.22

LO: To explain what happens when a number is multiplied by 10

'Fill in the missing numbers.'

$$\begin{array}{ccc} & \times 10 & \\ & \rightarrow & \\ \boxed{14} & & \boxed{} \end{array} \qquad \begin{array}{ccc} & \times 10 & \\ & \rightarrow & \\ \boxed{} & & \boxed{170} \end{array}$$

$$\begin{array}{ccc} 10 \text{ times} & & \\ \text{the size} & & \\ & \rightarrow & \\ \boxed{20} & & \boxed{} \end{array} \qquad \begin{array}{ccc} 10 \text{ times} & & \\ \text{the size} & & \\ & \rightarrow & \\ \boxed{} & & \boxed{250} \end{array}$$

$$5 \times 10 = \boxed{}$$

$$\boxed{} = 19 \times 10$$

$$\boxed{} \times 10 = 60$$

$$150 = \boxed{} \times 10$$

$$7 \times \boxed{} = 70$$

$$210 = \boxed{} \times 10$$

- 'Bethany has twenty-five crayons; Nasir has ten times as many. How many crayons does Nasir have?'
 - 'Ian has fifteen pence. Tom has ten times as much. How much money does Tom have?'
- 'If one art-set costs £10. How much do fourteen art-sets cost?'

'Fill in the missing numbers.'

$$100 \times 10 = 1,000$$

$$400 \times 10 = 4,000$$

$$101 \times 10 = 1,010$$

$$410 \times 10 = 4,100$$

$$102 \times 10 = 1,020$$

$$420 \times 10 = 4,200$$

$$103 \times 10 = \boxed{}$$

$$430 \times 10 = \boxed{}$$

$$104 \times 10 = \boxed{}$$

$$440 \times 10 = \boxed{}$$

$$105 \times 10 = \boxed{}$$

$$450 \times 10 = \boxed{}$$

$$\boxed{} \times 10 = 1,060$$

$$\boxed{} \times 10 = 4,600$$

$$\boxed{} \times 10 = 1,070$$

$$\boxed{} \times 10 = 4,700$$

$$\boxed{} \times 10 = 1,080$$

$$\boxed{} \times 10 = 4,800$$

$$109 \times 10 = \boxed{}$$

$$490 \times 10 = \boxed{}$$

$$110 \times 10 = \boxed{}$$

$$500 \times 10 = \boxed{}$$

'There are ten football teams taking part in a tournament. Each team has seventeen players, including substitutes. How many players are there altogether?'