

To find the area of something, we do length  $\times$  width.

$$? \times 26 = 6,500 \text{ m}^2.$$

To work out ? we can use the inverse operation.

$$6,500 \div 26 = ?$$

$$\begin{array}{r} 0250 \\ 26 \overline{) 6,500} \\ \underline{-52} \phantom{0} \\ 130 \end{array}$$

$$\begin{array}{r} 26 \\ 52 \\ 78 \\ 104 \\ 130 \\ 156 \\ 182 \\ 208 \\ 234 \\ 260 \end{array}$$

So the width must be 250m.

$$\begin{array}{r} 0.125 \\ 19 \overline{) 2.375} \\ \underline{-19} \phantom{0} \\ 047 \\ \underline{-38} \\ 095 \end{array}$$

$$\begin{array}{r} 19 \\ 38 \\ 57 \\ 76 \\ 95 \\ 114 \\ 133 \\ 152 \\ 171 \\ 190 \end{array}$$

The guinea pig can eat 0.125 kg (or 125g) each day.

$$75 = 6,600 \div \star$$

$$6,600 \div 75 = \star$$

$$\begin{array}{r} 0088 \\ 75 \overline{) 6600} \\ \underline{-600} \downarrow \\ 0600 \end{array}$$

So  $\star = 88$ .

$$\begin{array}{r} 75 \\ 150 \\ 225 \\ 300 \\ 375 \\ 450 \\ 525 \\ 600 \\ 675 \\ 750 \end{array}$$

$$9,251 \div D = 29$$

$$9,251 \div 29 = D$$

$$\begin{array}{r} 0319 \\ 29 \overline{) 9251} \\ \underline{-87} \downarrow \\ 085 \downarrow \\ \underline{-29} \downarrow \\ 261 \end{array}$$

$$\begin{array}{r} 29 \\ 858 \\ 787 \\ 116 \\ 145 \\ 174 \\ 203 \\ 232 \\ 261 \\ 290 \end{array}$$

$D = 319$

$$\star \times \text{ ) } = 88 \times 319$$

$$\begin{array}{r} \phantom{x} 319 \\ x \phantom{0} 88 \\ \hline 2552 \quad (\times 8) \\ 25520 \quad (\times 80) \\ \hline 28072 \\ \hline \end{array}$$

So  $\star \times \text{ ) } = 28,072.$