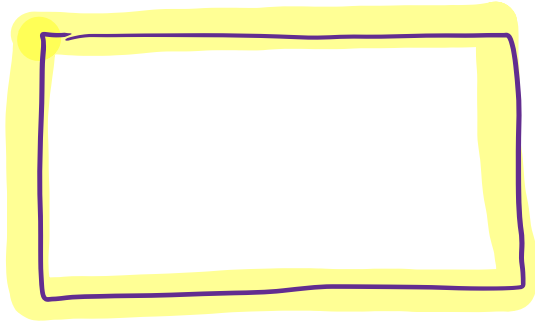


Learning Objectives:

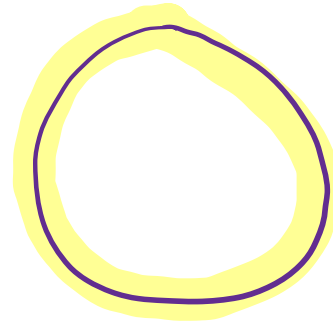
Understand that perimeter is a length

Be able to convert between different units of length

Be able to find the perimeter of a shape

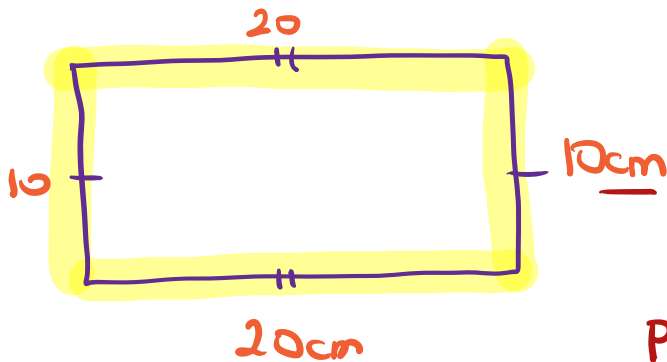


perimeter
(distance)



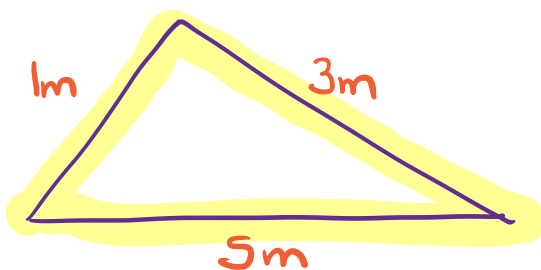
circumference

eg



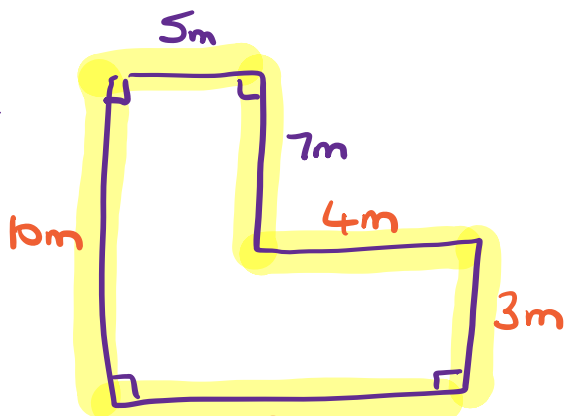
$$\begin{aligned} P &= \underline{20 + 10} + \underline{20 + 10} \\ &= 30 + 30 \\ &= \underline{\underline{60 \text{ cm}}} \end{aligned}$$

eg

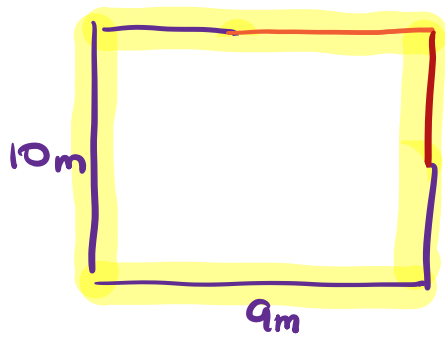


$$\begin{aligned} P &= 1 + 3 + 5 \\ &= \underline{\underline{9 \text{ m}}} \end{aligned}$$

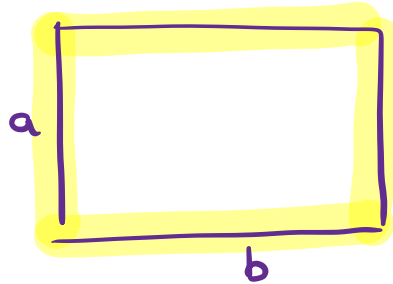
eg.



$$\begin{aligned} P &= \underline{10 + 9} + \underline{3 + 4} + \underline{7 + 5} \\ &= \underline{19 + 7} + 12 \\ &= 26 + 12 \\ &= 38 \text{ m} \end{aligned}$$

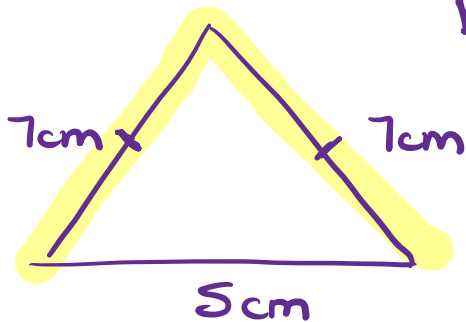


$$\begin{aligned}
 P &= 10 + 9 + 10 + 9 \\
 &= 19 + 19 \\
 &= \underline{\underline{38m}}
 \end{aligned}$$



$$(a + b) \times 2$$

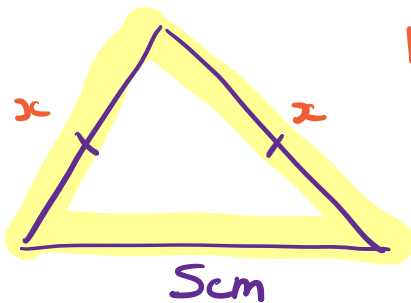
BFT



$$P = 19\text{cm}$$

$$\begin{array}{r}
 19 \\
 - 5 \\
 \hline
 14
 \end{array}$$

$$14 \div 2 = 7\text{cm}$$



$$P = 19$$

$$P = x + x + 5$$

$$19 = 2x + 5 \quad - 5$$

$$14 = 2x \quad \div 2$$

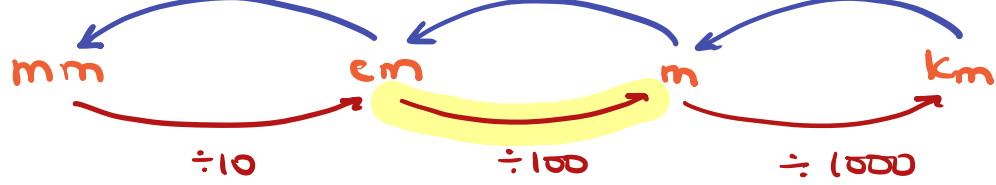
$$\underline{\underline{7 = x}}$$

Converting units

$\times 10$

$\times 100$

$\times 1000$



eg 5.2 cm (mm) $\times 10 \rightarrow 1$

$$5.2 \times 10 = \underline{\underline{52 \text{ mm}}}$$

eg 2 $85\,000 \text{ cm (km)}$ $\leftarrow 2$

$$\div 100 \quad 85\,000 \div 100 = 850$$

$$\div 1000 \quad .850$$

$$= \underline{\underline{0.85}}$$