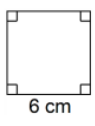


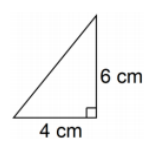
Calculate the area of the square

$$6 \times 6 = 36 \text{ cm}^2$$



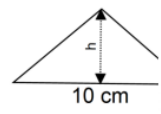
Calculate the area of the triangle

$$\frac{1}{2} \times 6 \times 4 = 12 \text{ cm}^2$$



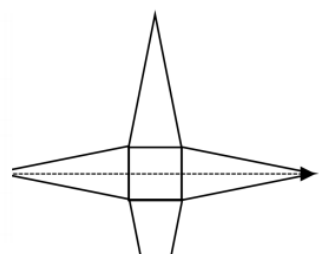
If the triangle has an area of 40 cm² calculate the height

$$\begin{aligned} \frac{1}{2} \times 10 \times h &= 40 \\ 5h &= 40 \\ h &= 8 \text{ cm} \end{aligned}$$



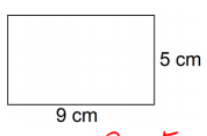
The logo shown below has a total area of 125 cm² and the square has side length 5 cm. Calculate the width of the logo

$$\begin{aligned} 5 \times 5 &= 25 \text{ cm}^2 \\ 4 \text{ triangles} &\text{ have an area of } 100 \text{ cm}^2 \\ 1 \text{ triangle} &\text{ has an area of } 25 \text{ cm}^2 \\ \frac{1}{2} \times 5 \times h &= 25 \\ h &= 10 \text{ cm} \end{aligned}$$



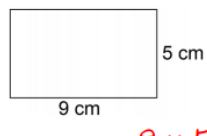
$$\begin{aligned} \text{Total width} \\ 10 \text{ cm} + 5 \text{ cm} + 10 \text{ cm} \\ = 25 \text{ cm} \end{aligned}$$

Calculate the perimeter



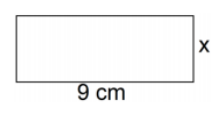
$$9 + 5 + 9 + 5 = 28 \text{ cm}$$

Calculate the area



$$9 \times 5 = 45 \text{ cm}^2$$

If the area of the rectangle is 27 cm² calculate x



$$x = 3 \text{ cm}$$

Calculate the perimeter of the large rectangle

	3	5	6
4	12 m ²	20 m ²	24 m ²
5	15 m ²	25 m ²	30 m ²
7	21 m ²	35 m ²	42 m ²

$$\begin{aligned} 3 + 5 + 6 &= 14 \text{ cm} \\ 4 + 5 + 7 &= 16 \text{ cm} \\ \text{Perimeter} \\ &= 14 + 16 + 14 + 16 \\ &= 60 \text{ cm} \end{aligned}$$