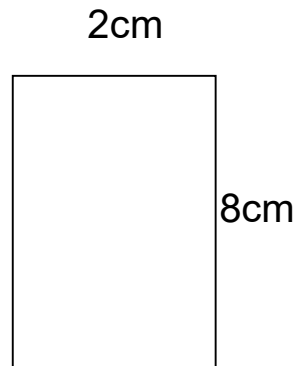
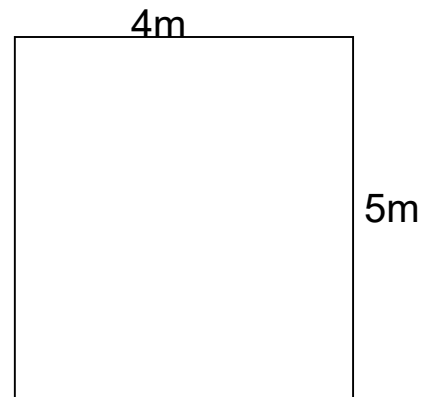
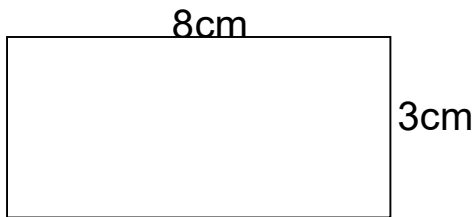


Name: _____

Numeracy – Area and Perimeter

In your books write your working out for finding the area **and** perimeter of each of these rectangles. Be careful with your units!



Write down the lengths (ℓ) and widths (w) of these rectangles. You are told the area (a), so think about how you work out the area to work out what the ℓ and w of each one could be. When you have worked out the ℓ and w of each rectangle, work out the perimeter (P) of each one. Look at the example for some help.

e.g. $a = 24\text{cm}^2$

$$a = \ell \times w$$

$$\ell = 6\text{cm} \quad w = 4\text{cm} \quad \text{because } 6 \times 4 = 24$$

$$\begin{aligned} P &= \ell + w + \ell + w \\ &= 6 + 4 + 6 + 4 \\ &= 24\text{cm} \end{aligned}$$

1. $a = 36\text{cm}^2$

2. $a = 40\text{cm}^2$

3. $a = 64\text{cm}^2$