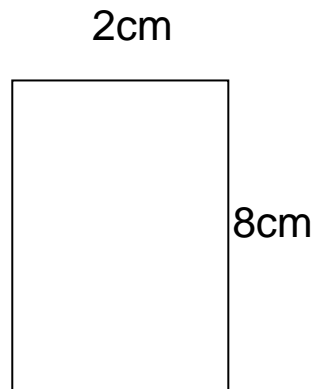
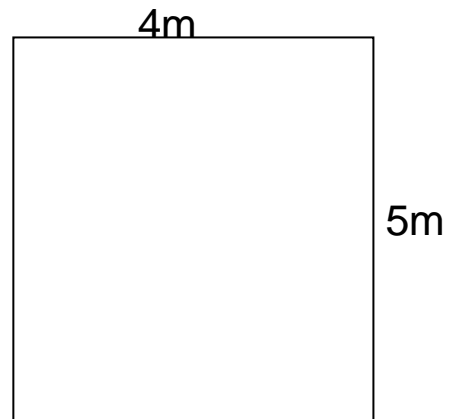
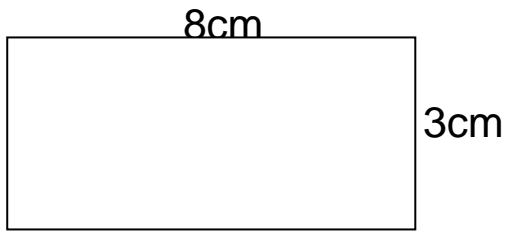


Name: \_\_\_\_\_

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

$$a = l \times w$$

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

$$P = l + w + l + w$$

$$= 6 + 4 + 6 + 4$$

$$P = 20\text{cm}$$

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

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

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