

# PERIMETERS OF RECTANGLES

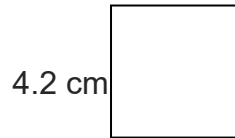
## SKILLS QUESTIONS

Q1. Find the perimeters of the following squares.

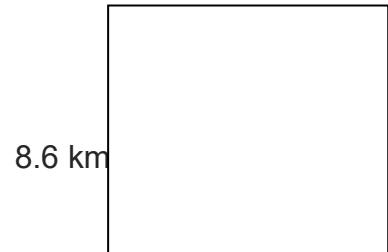
(a)



(b)



(c)



Q2. Find the perimeter of squares with the following side lengths:

(a) 9 m

(b) 1.5 km

(c) 4.3 cm

(d)  $7\frac{3}{4}$  km

Q3. A square picture frame has a perimeter of 200cm. What is the side length?

Q4. Find the perimeters of these rectangles. (Hint: Change the lengths to the smallest unit first.)

(a)

1.5 m

70 cm



(b)

680 m

0.62km



Q5. Calculate the perimeter of each of the following rectangles:

(a) length 7cm; width 3cm

(d) length 18.4 km; width 1.3 km

(b) length 67m; width 33m

(e)  $l = 850\text{m}$ ;  $w = 1.24\text{ km}$

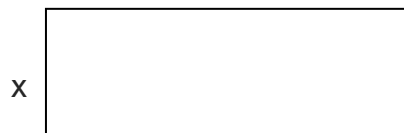
(c) length 32mm; width 1.5cm

(f)  $l = 9\frac{1}{2}\text{ m}$ ;  $w = 7\frac{3}{4}\text{ m}$

Q6. A football field has a perimeter of 336m and a width of 68m. How long is it?

Q7. A rectangle has a width of  $x$  and a length of  $x + 3$ . Its perimeter is 60 cm. Find  $x$ .

$x + 3$



Q8. A swimming pool measures 25 metres by 12 metres. The tiled path around the pool is 1.5 metres wide. What is the perimeter of the tiled area? (Hint: Draw a diagram.)

# ANSWERS

Q1. (a) 24 m  
(b) 16.8 cm  
(c) 34.4 km

Q2. (a) 36 m  
(b) 6 km  
(c) 17.2 cm  
(d) 31 km

Q3. 50 cm

Q4. (a) 440 cm  
(b) 2600 m

Q5. (a) 20 cm  
(b) 200 m  
(c) 94 mm  
(d) 39.4 km  
(e) 4180 m  
(f) 34.5 m

Q6. 100 m

Q7. 13.5 cm

Q8. 62 m