

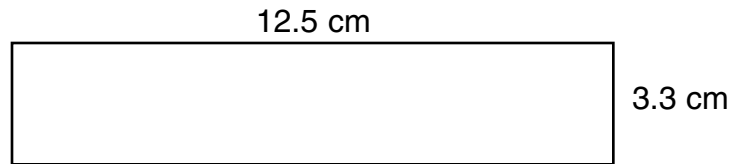
# Computing Perimeters of Rectangles

To compute the perimeter of a rectangle, add the length and the width and then multiply by 2.

$$12.5 \text{ cm} + 3.3 \text{ cm} = 15.8 \text{ cm}$$

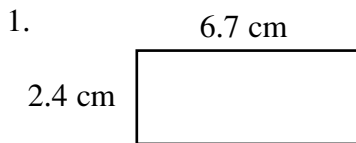
$$15.8 \text{ cm} \times 2 = 31.6 \text{ cm}$$

$$P = 31.6 \text{ cm}$$

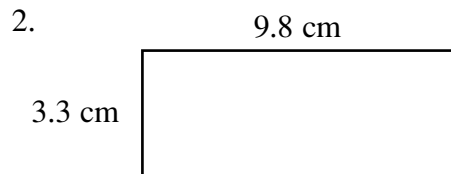


**Directions:** Use the information on page 9 to compute the perimeters of these rectangles.

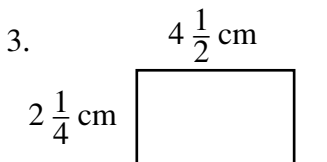
Remember to label the unit of measurement—inches, feet, yards, centimeters, meters—in your answers.



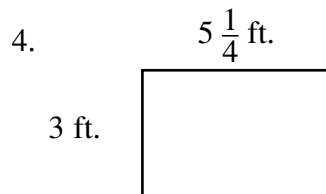
$$P = \underline{\hspace{2cm}}$$



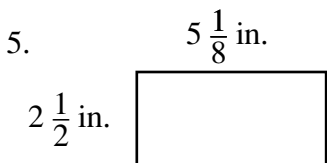
$$P = \underline{\hspace{2cm}}$$



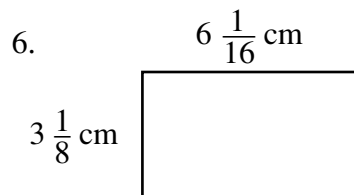
$$P = \underline{\hspace{2cm}}$$



$$P = \underline{\hspace{2cm}}$$



$$P = \underline{\hspace{2cm}}$$



$$P = \underline{\hspace{2cm}}$$

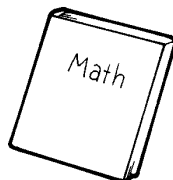
**Directions:** Use a ruler and the information on pages 5 and 9 to help you measure and compute the perimeters of these rectangles.

7. a math book cover

length \_\_\_\_\_

width \_\_\_\_\_

P = \_\_\_\_\_

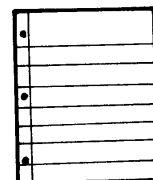


8. a sheet of paper

length \_\_\_\_\_

width \_\_\_\_\_

P = \_\_\_\_\_

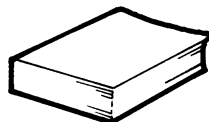


9. a paperback book cover

length \_\_\_\_\_

width \_\_\_\_\_

P = \_\_\_\_\_

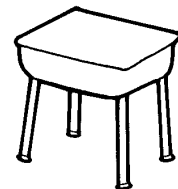


10. a desk

length \_\_\_\_\_

width \_\_\_\_\_

P = \_\_\_\_\_

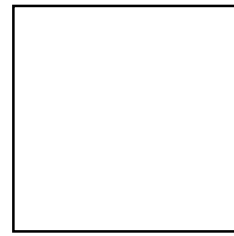


## Computing Perimeters of Regular Polygons

To compute the perimeter of a regular polygon, in which all sides are equal, multiply the length of one side by the number of sides.

**Directions:** Compute the perimeter of each of the regular polygons illustrated below. Remember to label the unit of measurement—inches, feet, yards, centimeters, meters—in your answer.

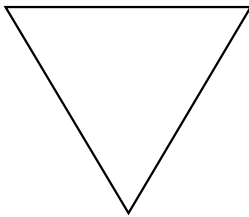
4.9 m



$$4.9 \text{ m} \times 4 = 19.6 \text{ m}$$

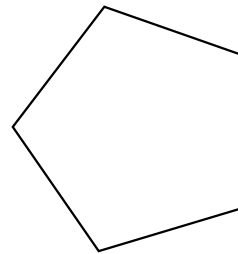
1.

5.2 cm



\_\_\_\_\_

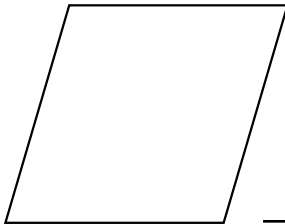
2.

 $2\frac{1}{4}$  in.

\_\_\_\_\_

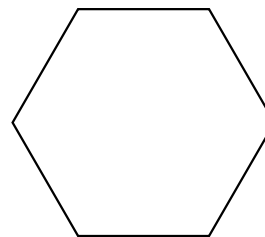
3.

6.1 m



\_\_\_\_\_

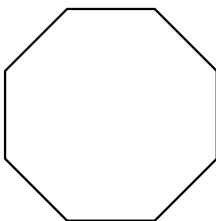
4.

 $3\frac{1}{8}$  ft.

\_\_\_\_\_

5.

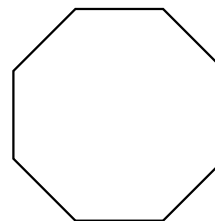
9.3 m



\_\_\_\_\_

6.

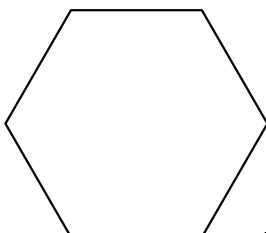
8 yd.



\_\_\_\_\_

7.

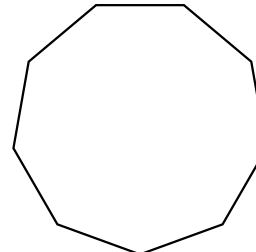
22.9 cm



\_\_\_\_\_

8.

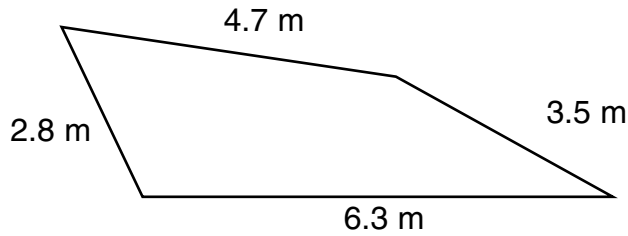
11.7 m



\_\_\_\_\_

# ..... Computing Perimeters of Irregular Polygons and Circumferences of Circles

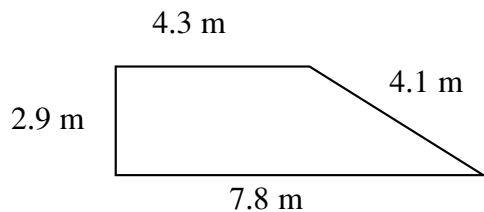
To compute the perimeter of an irregular polygon, add the lengths of the sides.



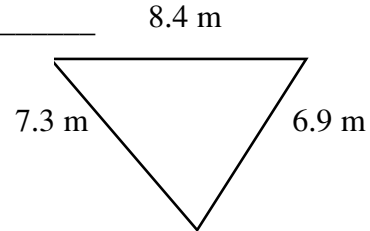
$$P = 4.7 \text{ m} + 3.5 \text{ m} + 6.3 \text{ m} + 2.8 \text{ m} = 17.3 \text{ m}$$

**Directions:** Use the information on pages 5 and 9 to help you compute the perimeters of these polygons. Remember to label the unit of measurement—inches, feet, yards, centimeters, meters—in your answer.

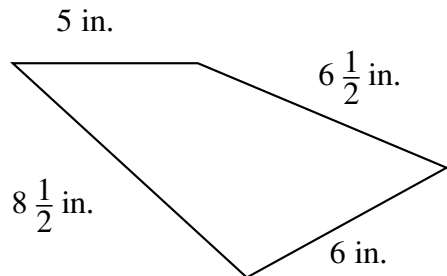
1.  $P =$  \_\_\_\_\_



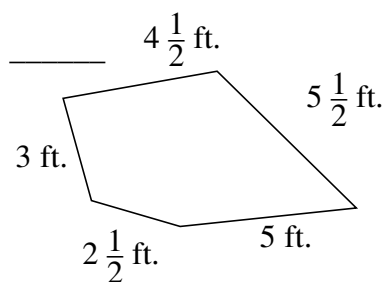
2.  $P =$  \_\_\_\_\_



3.  $P =$  \_\_\_\_\_

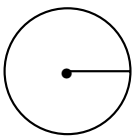


4.  $P =$  \_\_\_\_\_



**Directions:** Use the information on page 9 to help you compute the circumferences of these circles. ( $C = 2\pi r$  or  $C = \pi d$ )

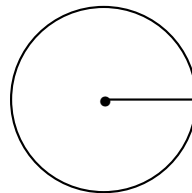
5.



$r = 4 \text{ m}$

$C =$  \_\_\_\_\_

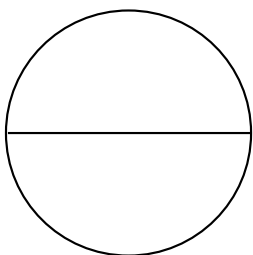
6.



$r = 6 \text{ in.}$

$C =$  \_\_\_\_\_

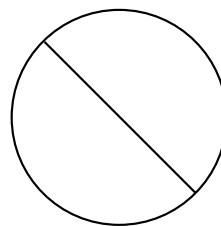
7.



$d = 10 \text{ cm}$

$C =$  \_\_\_\_\_

8.



$d = 7 \text{ m}$

$C =$  \_\_\_\_\_