

# Additional Practice 12.4

NAME \_\_\_\_\_

Module 12 Attributes and Tools  
Lesson 4 Measurement: Distance

Use a ruler for Problems 1 – 4.

1. Find the length of the line segment to the nearest eighth inch.



$$2\frac{6}{8} \text{ or } 2\frac{3}{4} \text{ inch}$$

2. Find the length of the line segment to the nearest millimeter.



$$112 \text{ mm}$$

3. Draw a line segment that is  $3\frac{5}{16}$  inches long.



4. Draw a line that is 8.2 centimeters long.



Perform the indicated operation.

$$\begin{array}{r} 5. \quad 52 \text{ cm} \\ \quad 21 \text{ cm } 48 \text{ mm} \\ + \quad 9 \text{ cm } 32 \text{ mm} \\ \hline \end{array}$$

$$90 \text{ cm}$$

$$\begin{array}{r} 6. \quad 23 \text{ ft } 6 \text{ in.} \\ \quad - 18 \text{ ft } 9 \text{ in.} \\ \hline \end{array}$$

$$4 \text{ ft } 9 \text{ in.}$$

$$\begin{array}{r} 7. \quad 12 \text{ ft } 22 \text{ in.} \\ \quad + 6 \text{ ft } 8 \text{ in.} \\ \hline \end{array}$$

$$20 \text{ ft } 6 \text{ in.}$$

$$\begin{array}{r} 8. \quad 225 \text{ cm } 15 \text{ mm} \\ \quad - 49 \text{ cm } 68 \text{ mm} \\ \hline \end{array}$$

$$170.7 \text{ cm or } 170 \text{ cm } 7 \text{ mm}$$

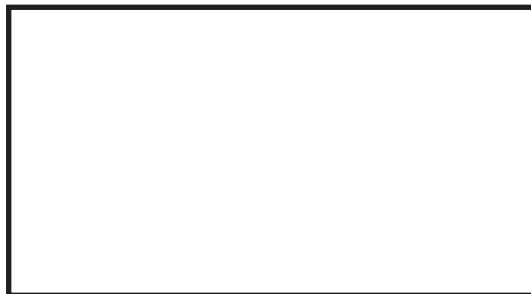
9. Filipe's birdhouse is 13 feet 11 inches off the ground. Michele's birdhouse is 15 feet 8 inches off the ground. How much higher is Michele's birdhouse than Filipe's?

**Michele's birdhouse is 1 ft 9 in. higher than Filipe's.**

10. Carrie walked nine laps of an oval track. Each lap is 1,320 feet. Laura walked two miles 1,045 feet. Who walked the greater distance? How much greater was that distance?

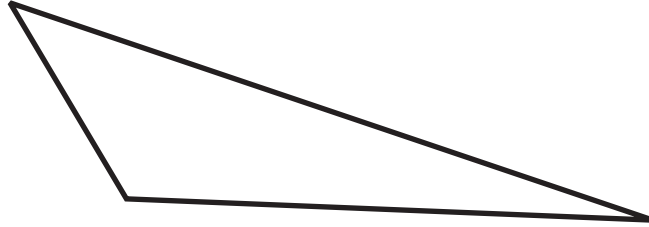
**Carrie walked 275 feet more than Laura.**

11. Use a customary ruler to find the perimeter of the rectangle.



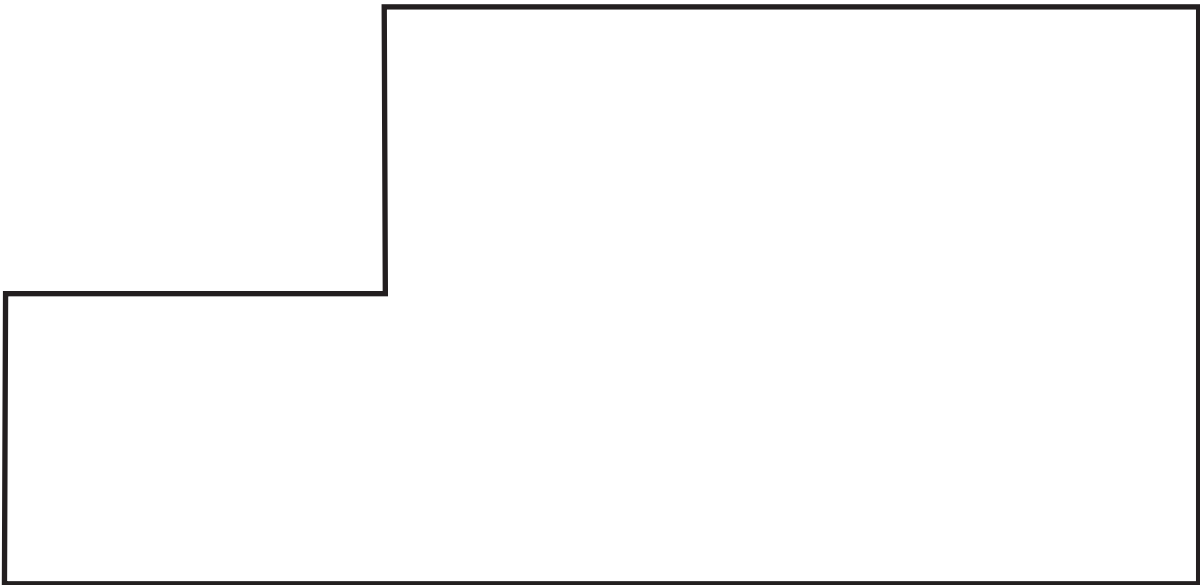
**The perimeter is  $8\frac{1}{2}$  in.**

12. Use a metric ruler to find the perimeter of the triangle.



The perimeter is 19 cm.

13. Use a customary ruler to find the perimeter of the figure.



The perimeter is  $18\frac{1}{2}$  in.

