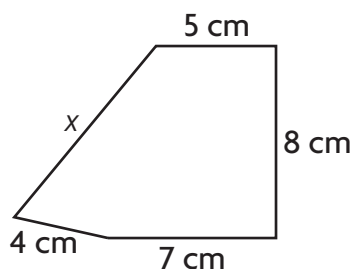


Find Unknown Side Lengths**COMMON CORE STANDARD** MACC.3.MD.4.8

Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures.

Find the unknown side lengths.

1. Perimeter = 33 centimeters



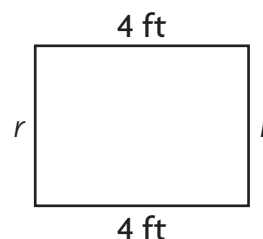
$$5 + 8 + 7 + 4 + x = 33$$

$$24 + x = 33$$

$$x = 9$$

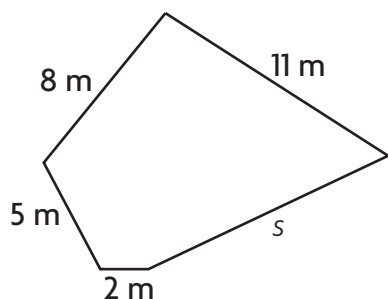
$$x = \underline{9} \text{ centimeters}$$

2. Perimeter = 14 feet



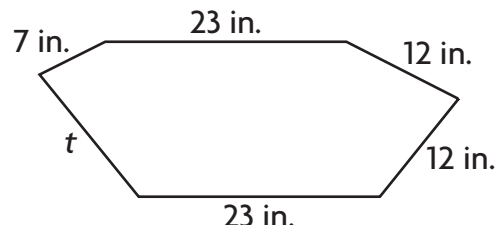
$$r = \underline{\hspace{2cm}} \text{ feet}$$

3. Perimeter = 37 meters



$$s = \underline{\hspace{2cm}} \text{ meters}$$

4. Perimeter = 92 inches



$$t = \underline{\hspace{2cm}} \text{ inches}$$

Problem Solving**REAL WORLD**

5. Steven has a rectangular rug with a perimeter of 16 feet. The width of the rug is 5 feet. What is the length of the rug?
6. Kerstin has a square tile. The perimeter of the tile is 32 inches. What is the length of each side of the tile?

Lesson Check (MACC.3.MD.4.8)

- Jesse is putting a ribbon around a square frame. He uses 24 inches of ribbon. How long is each side of the frame?
 - (A) 4 inches
 - (B) 5 inches
 - (C) 6 inches
 - (D) 8 inches
- Davia draws a shape with 5 sides. Two sides are each 5 inches long. Two other sides are each 4 inches long. The perimeter of the shape is 27 inches. What is the length of the fifth side?
 - (A) 9 inches
 - (B) 13 inches
 - (C) 14 inches
 - (D) 18 inches

Spiral Review (MACC.3.OA.1.1, MACC.3.OA.4.8, MACC.3.NF.1.3c, MACC.3.MD.1.1)

- Which of the following represents $7 + 7 + 7 + 7$? (Lesson 3.2)
 - (A) 4×4
 - (B) 4×7
 - (C) 6×7
 - (D) 7×7
- Bob bought 3 packs of model cars. He gave 4 cars to Ann. Bob has 11 cars left. How many model cars were in each pack? (Lesson 7.10)
 - (A) 18
 - (B) 11
 - (C) 7
 - (D) 5
- Randy looked at his watch when he started and finished reading. How long did Randy read? (Lesson 10.3)
- Which statement does the model represent? (Lesson 8.6)

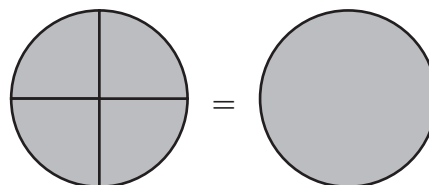


Start



End

- (A) 55 minutes
- (B) 45 minutes
- (C) 35 minutes
- (D) 15 minutes



- (A) $\frac{4}{4} = 1$
- (B) $\frac{3}{4} = 1$
- (C) $\frac{2}{4} = 1$
- (D) $\frac{1}{4} = 1$