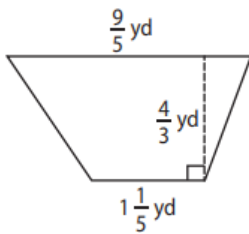
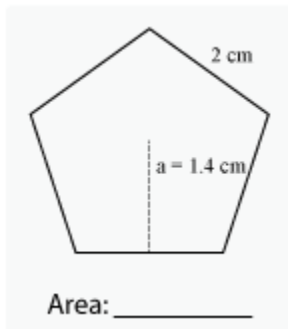


## Chapter 10 Review

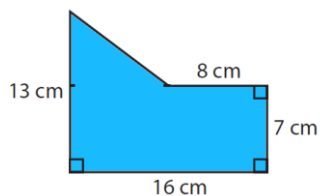
1. Charlotte has a sticker in the shape of a parallelogram. The sticker has a base of 7.8 cm and a height of 12.3 cm. What is the area of the sticker?
2. A parallelogram-shaped tile has an area of  $52 \frac{1}{3} \text{ m}^2$ . The height of the tile is  $7 \frac{3}{7} \text{ m}$ . What is the length of the base?
3. Anthony is decorating a triangular pennant for a baseball game. The pennant has a base of 8.7 inches and a height of 23.6 inches. What is the total area of the pennant?
4. Alicia draws a triangle that has a total area of  $43 \frac{2}{3} \text{ in}^2$  and with a base of  $13 \frac{1}{6} \text{ in}$ . What is the height of the triangle?
5. Find the area of the trapezoid below.



6. Find the area of the regular polygon below. What is the name of this regular polygon?



7. Find the area of the composite figure below.



8. Jevyn wants to reduce the area of his posters by one-fourth.

Poster A : 40 in by 12 in

Poster B : 16 in by 28 in

What are the areas of the new posters?

9. Graph the points A( -2, 5 ), B( 3, 5 ), C( -2, 2).

What is the distance between Point A and Point B?

What would the coordinates be of Point D, in order for the points to form a rectangle?

What is area of triangle formed by connecting Point A, Point B, and Point C?