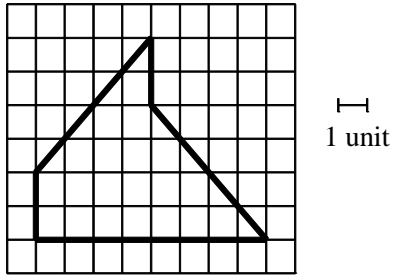


Name: \_\_\_\_\_

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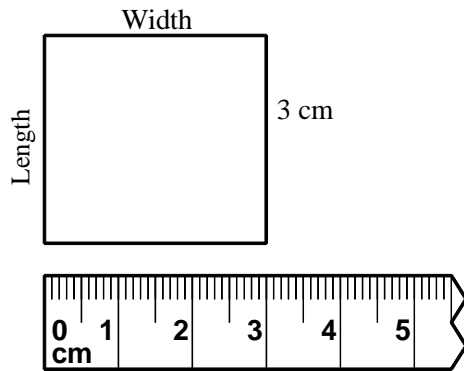
Chapter 8 Review Packet

1. If you wanted to build a fence around your garden, would you find the garden's perimeter or area?
2. What is the area of the polygon?



Complete the following. Find the measures of the polygon.

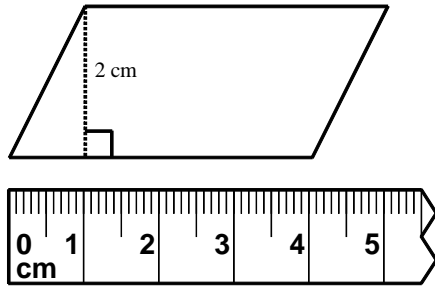
3.



width = \_\_\_\_\_ cm  
length = \_\_\_\_\_ cm  
perimeter = \_\_\_\_\_ cm  
area = \_\_\_\_\_ cm<sup>2</sup>

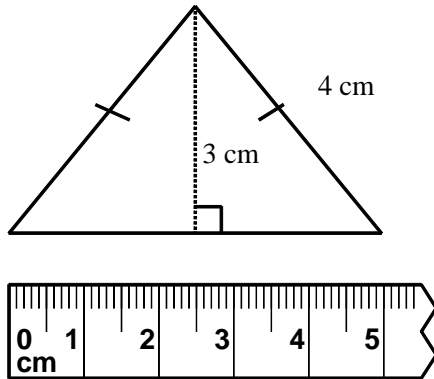
Complete the following. Find the measures of the polygon.

4.



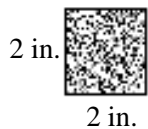
base = \_\_\_\_\_ cm  
 height = \_\_\_\_\_ cm  
 perimeter = \_\_\_\_\_ cm  
 area = \_\_\_\_\_ cm<sup>2</sup>

5.

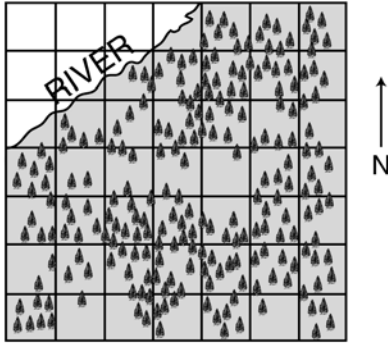


base = \_\_\_\_\_ cm  
 height = \_\_\_\_\_ cm  
 perimeter = \_\_\_\_\_ cm  
 area = \_\_\_\_\_ cm<sup>2</sup>

6. Mrs. Lopez wants to tile her dining room floor. The room is 10 feet wide and 17 feet long.
- How many 1-square-foot tiles does she need to cover the floor?
  - Suppose Mrs. Lopez chooses tiles that are 2 inches on each side. How many 2-inch tiles would she need in order to cover her dining room floor? Explain how you got your answer.



7. Below is a scale drawing of a very large forest. A river runs along the northwest border of the forest. Use the scale to answer the following questions.



Scale: One side of a small square =  $\frac{1}{4}$  inch = 20 miles.

- What is the length of the river along the northwest border?
- What is the perimeter of the boundary of the forest?
- How many square miles does each little square in the scale drawing represent?
- What is the area of the forest?