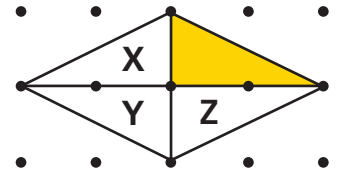


## Review/Assessment

NCTM Standards 1, 2, 6, 7, 8, 9, 10

Use the figure for Problems 1–3. *Lessons 1, 2*



- 1 What is the area of the yellow piece? Dots are 1 centimeter apart.

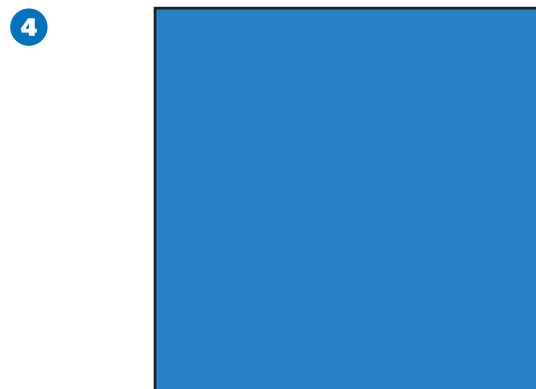
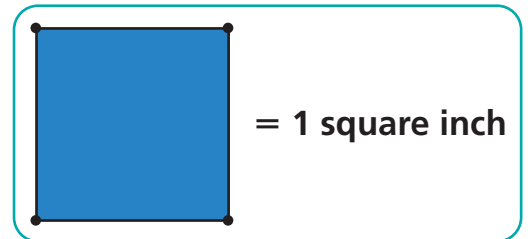
\_\_\_\_\_ square cm

- 2 Would you **reflect**, **rotate**, or **translate** the yellow piece to get each of the other pieces?

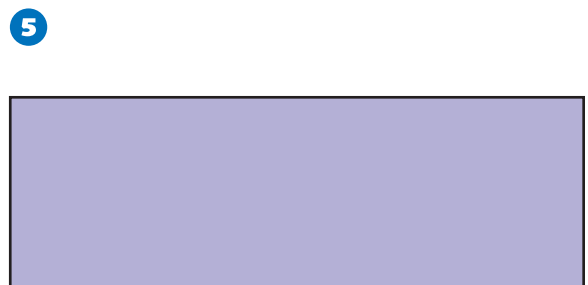
X: \_\_\_\_\_ Y: \_\_\_\_\_ Z: \_\_\_\_\_

- 3 What is the total area of the shape? \_\_\_\_\_ square cm

Measure the perimeter of each figure in inches. Estimate the area of each figure in square inches. *Lessons 4, 5, 6, 7*



perimeter	inches
area (estimated)	square inches



perimeter	inches
area (estimated)	square inches

6 How many small triangles would you need to make a figure congruent to the big triangle? \_\_\_\_\_

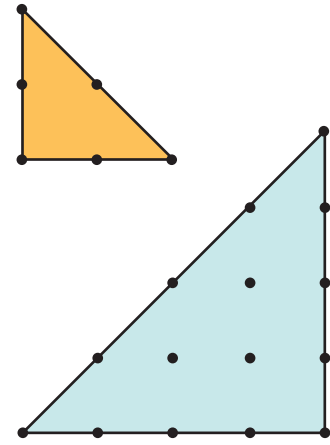
7 Show how you would arrange the small triangles.

8 What is the area of the small triangle?

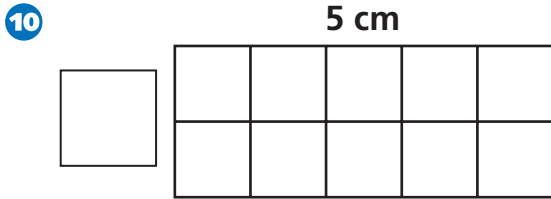
\_\_\_\_\_ square cm

9 What is the area of the big triangle?

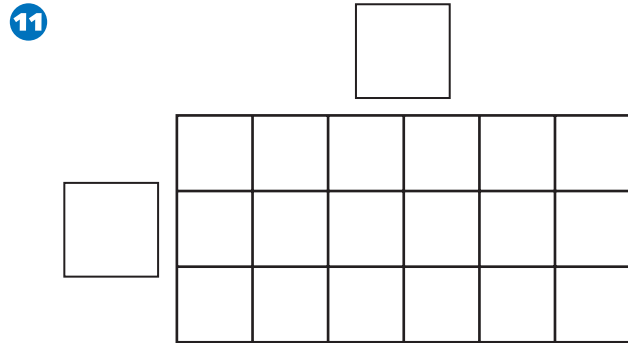
\_\_\_\_\_ square cm [Lesson 2](#)



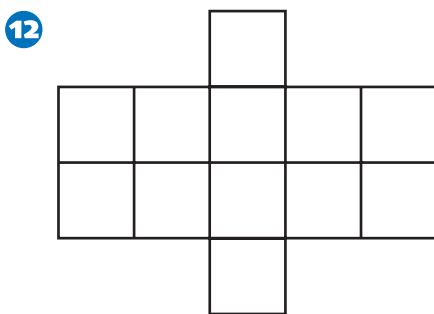
**For 10–12, find the length of the missing sides in centimeters. Then find the area and perimeter.** [Lesson 6](#)



perimeter	cm
area	square cm



perimeter	
area	



perimeter	
area	

13 What simpler problem could you solve to help you find the area in Problem 12?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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