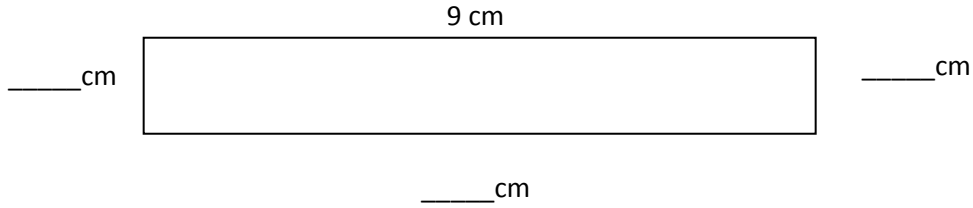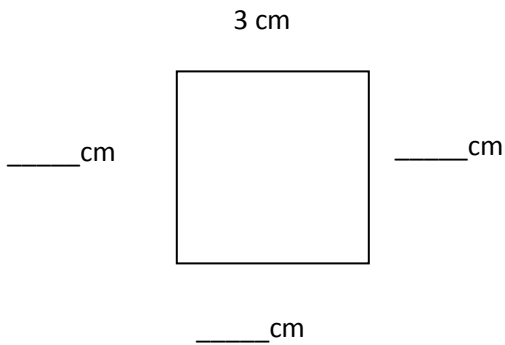NAME _____ DATE _____

1. April uses square-centimeters tiles to build rectangles with an area of 9 square centimeters. She draws the rectangles as shown below. Label the missing side lengths of each rectangle.   Then, find the perimeter of each rectangle.(6 pts)
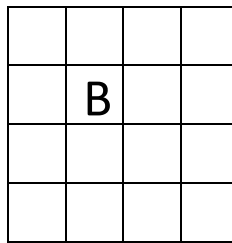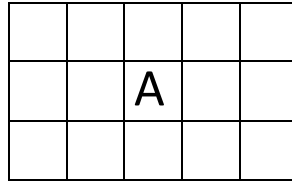
9 cm

_____cm   _____cm

_____cm

Perimeter _____

3 cm

_____cm   _____cm

_____cm

Perimeter _____

2. Label the side lengths of each figure below. Then find the perimeter.
   (14 pts)

A

B

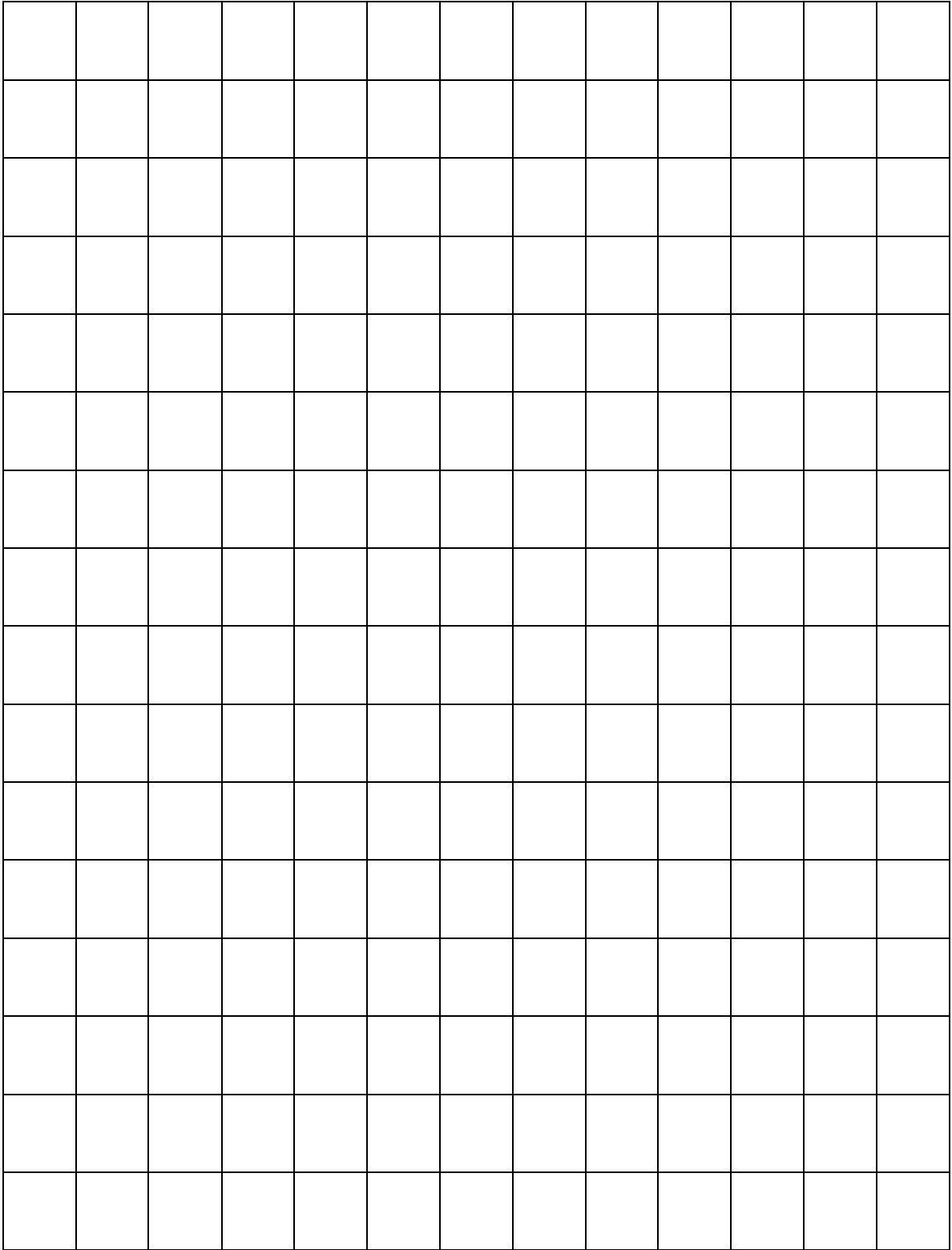2b. Kay says that both shapes have the same perimeter. Is she correct?
    Explain.

_____

_____

2c. Find the area of both shapes.

2d. What do you notice about the area?

_____

_____

3. Shade two shapes with a perimeter of 16 centimeters. Label the side lengths. (6 pts)

4. List the dimensions of 3 rectangles with a perimeter of 14 cm. (3 pts)

_____

_____

_____

5. The perimeter of a rectangular bathroom is 36 feet. The width of the room is 6 feet. What is the length of the bathroom? (2 pts)

6. Michelle makes a 3 foot by 7 foot rectangular banner. She puts a ribbon around the outside edges. The ribbon costs $2 per foot. What is the cost of the ribbon? (4 pts)

Rubric

1	Points per shape 2 pt for correct perimeter 1 pt for correct side length	6 points
2a	1 pt for correct labels per shape 1 pt for correct perimeter	4 points
2b	3 pt correct answer	3 points
2c	2 pt per shape correct area	4 points
2d	3 pt correct answer	3 points
3	Points per shape 2 pt correct shapes 1 pt correct side length	6 points
4	Point per answer 1 point correct answer	3 points
5	2 point correct answer	2 points
6	4 point correct answer (2 step problem)	4 points
	Total	35 points