

**LESSON**  
**4**

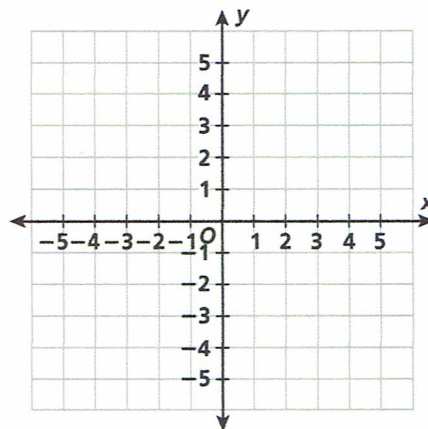
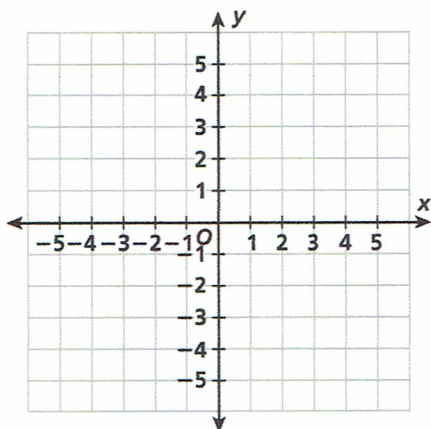
# Integers and the Coordinate Plane

## Practice B: Polygons in the Coordinate Plane

Graph the polygons with the given coordinates.

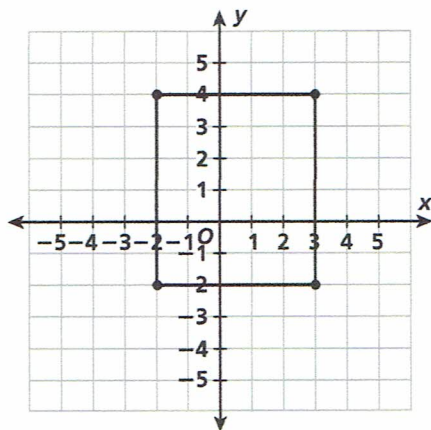
1. triangle:  $W(-4, 1)$ ,  $X(3, -1)$ ,  $Z(-1, -3)$

2. rectangle:  $A(2, 3\frac{1}{2})$ ,  $B(-1, 3\frac{1}{2})$ ,  
 $C(-1, -3)$ ,  $D(2, -3)$

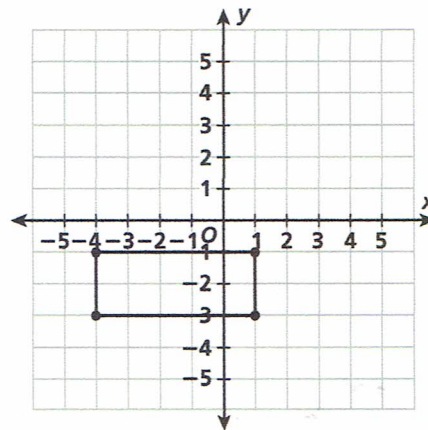


Find the perimeter of each rectangle.

3. \_\_\_\_\_



4. \_\_\_\_\_



5. Sylvia draws a scale model of her room in feet on a coordinate grid. The corners are located at  $(-8, 4)$ ,  $(3, 4)$ ,  $(3, -6)$ , and  $(-8, -6)$ . She wants to apply a border all the way around the top of the walls. What is the length in feet of the border Sylvia needs?

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