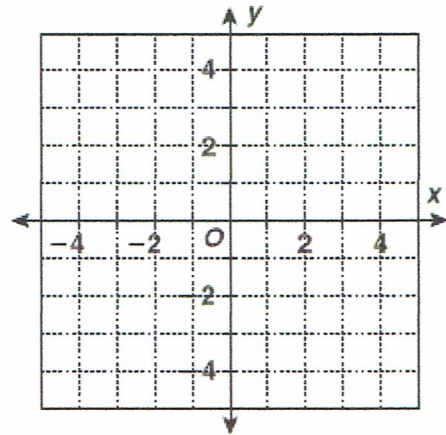
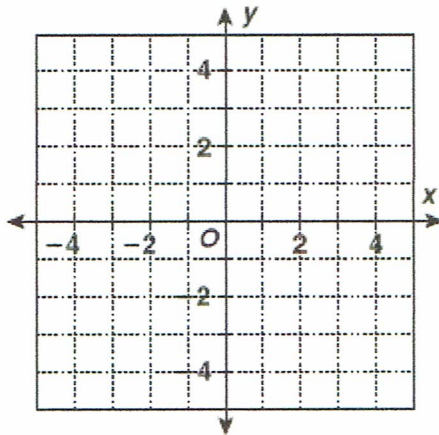


LESSON **Integers and the Coordinate Plane**
4 **Practice C: Polygons in the Coordinate Plane**

Graph the polygons with the given coordinates.

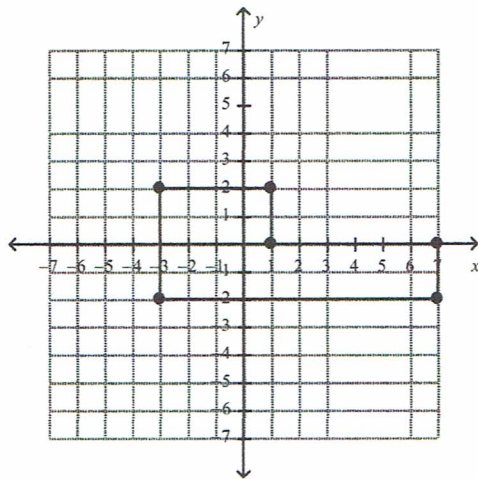
1. trapezoid: $A(-3, 5)$, $B(2, 7)$, $C(2, -5)$, $D(-3, 3)$ 2. parallelogram: $W(-4\frac{1}{2}, -3)$,

- $X(-1\frac{1}{2}, 1)$, $Y(5\frac{1}{2}, 1)$, $Z(2\frac{1}{2}, -3)$

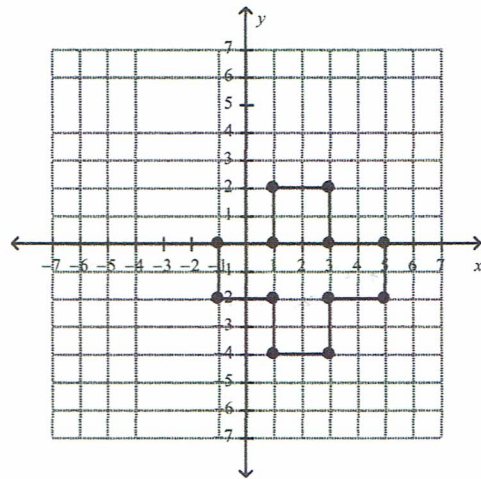


Find the perimeter of each polygon.

3.



4.



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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 around the top of the walls. What is the length of the border Sylvia needs?
