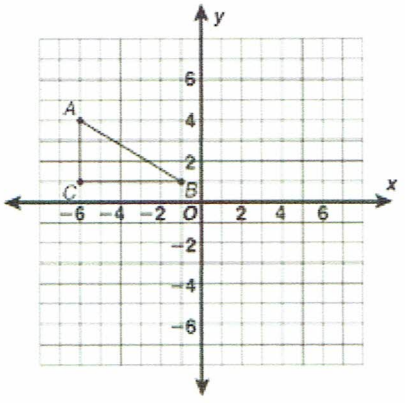
Name _____ Date _____ Class _____

LESSON 5

Integers and the Coordinate Plane

Practice B: Transformations in the Coordinate Plane

Use the graph below for Exercises 1–3. Apply the given transformation. Give the coordinates of each vertex in the image.



1. a translation 4 units right and 5 units down

   A' _____ *B'* _____ *C'* _____

2. a reflection across the *x*-axis

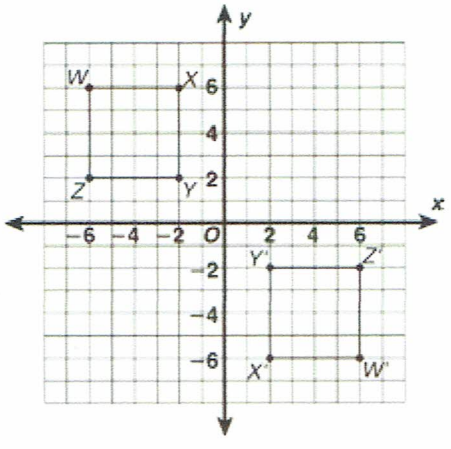
   A' _____ *B'* _____ *C'* _____

3. a rotation 90° clockwise about the origin

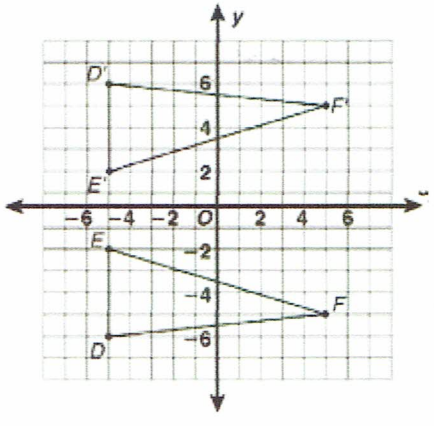
   A' _____ *B'* _____ *C'* _____

Describe each transformation.

4.



5.



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