

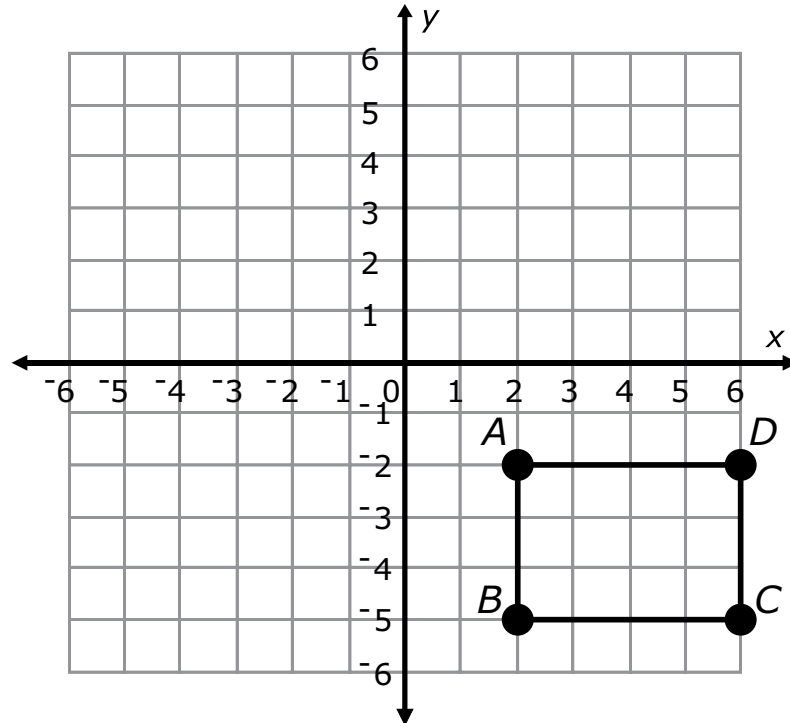
LESSON 26: Rigid Transformations

Homework

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Name _____ Date _____

Directions: Apply the rigid transformations to the figure given.



1. Rotate Rectangle $ABCD$ clockwise 90° about the origin. Label this figure $A'B'C'D'$ respectively. What are the coordinates of the new figure?
2. Rotate Rectangle $ABCD$ clockwise 90° about Point A . Label this figure $A''B''C''D''$ respectively. What are the coordinates of the new figure?
3. Reflect Rectangle $ABCD$ over the x -axis. Label this figure $A'''B'''C'''D'''$ respectively. What are the coordinates of the new figure?
4. Translate Rectangle $ABCD$ up 5 units and to the left 7 units. Label this figure $A''''B''''C''''D''''$ respectively. What are the coordinates of the new figure?