Transformations: Reflections, Rotations, and Translations

Name: _____ Date: _____

Part A: Identify the Transformation

Write whether each transformation is a **reflection**, **rotation**, or **translation**.

1. A shape is flipped over a line: _____
2. A shape is slid 5 units to the right: _____
3. A shape is turned 90° clockwise around a point: _____
4. A shape moves 3 units up and 2 units left: _____

Part B: Describe the Translation

Describe how each shape has been translated.

5. Triangle ABC at (2,3) moves to A'B'C' at (5,3).

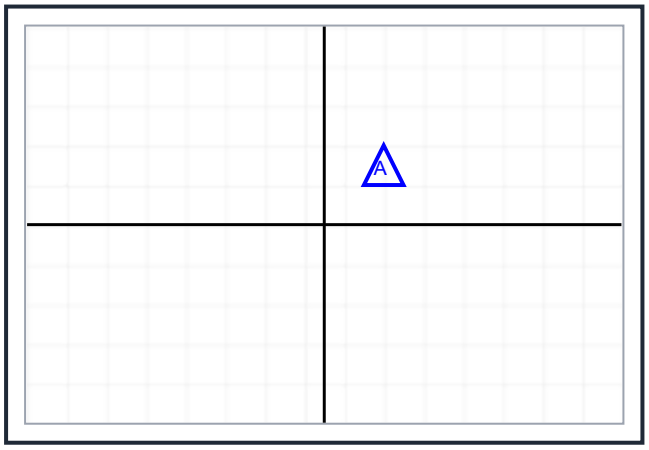
   Translation: _____ units _____ (direction)

6. Square DEFG at (1,4) moves to D'E'F'G' at (1,7).

   Translation: _____ units _____ (direction)

Part C: Grid Transformations

Use the grid below to complete the transformations.



7. Draw the reflection of shape A across the vertical line (y-axis).
8. Draw a translation of shape A: 4 units left and 2 units down.

Part D: True or False

9. A reflection changes the size of a shape. _____

10. A rotation turns a shape around a point. _____

11. In a translation, every point moves the same distance. _____

12. A shape can be reflected across any line. _____