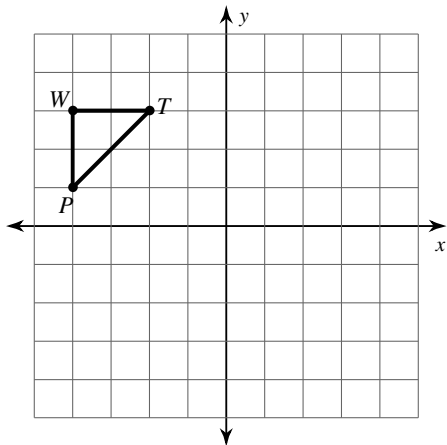


Assignment

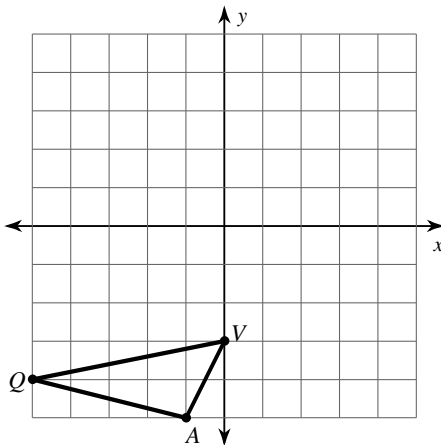
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Graph the image of the figure using the transformation given.

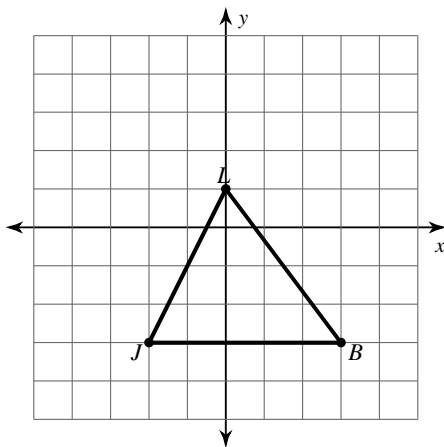
1) translation: $(x, y) \rightarrow (x + 7, y - 3)$



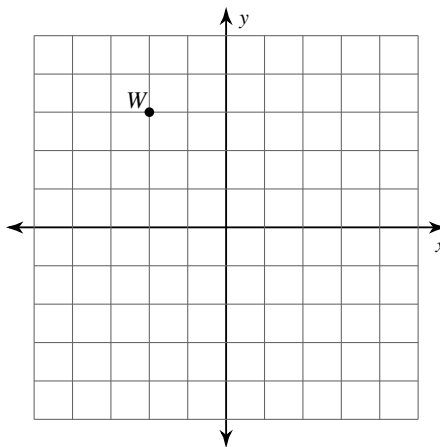
2) translation: $(x, y) \rightarrow (x + 2, y + 1)$



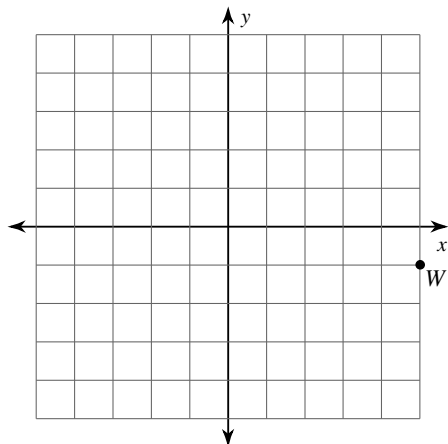
3) reflection across the y-axis



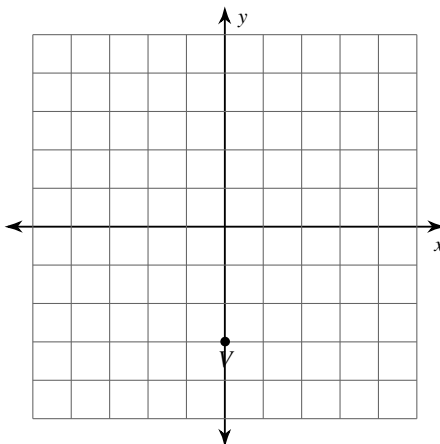
4) reflection across the x-axis



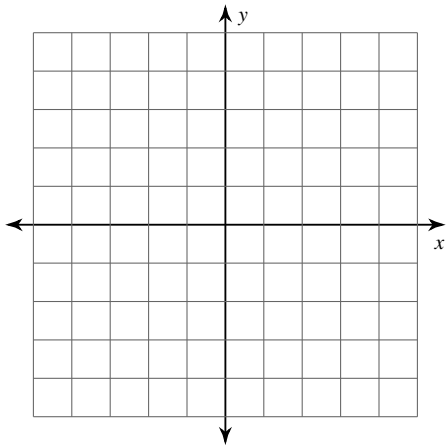
5) reflection across the y-axis



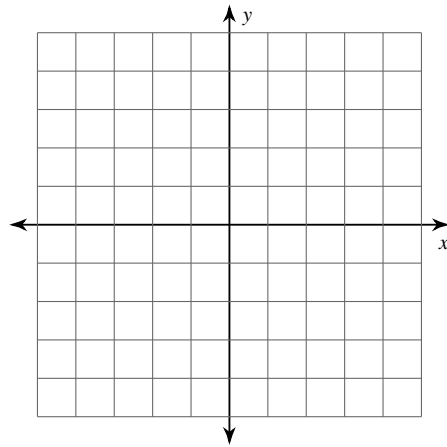
6) reflection across the y-axis



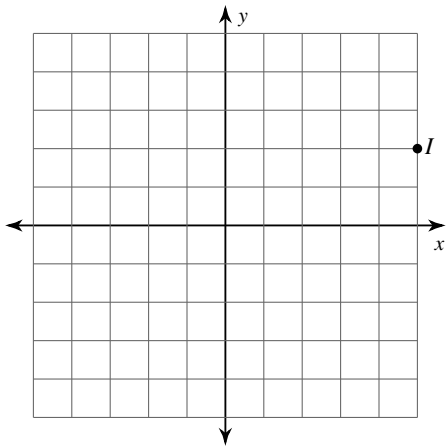
7) reflection across the x-axis
 $A(-1, -3), N(0, 2), S(3, 1)$



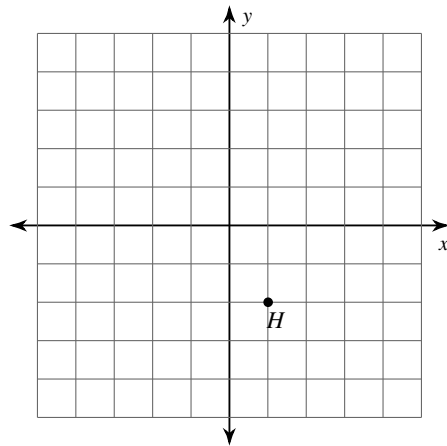
8) reflection across the x-axis
 $E(5, 2)$



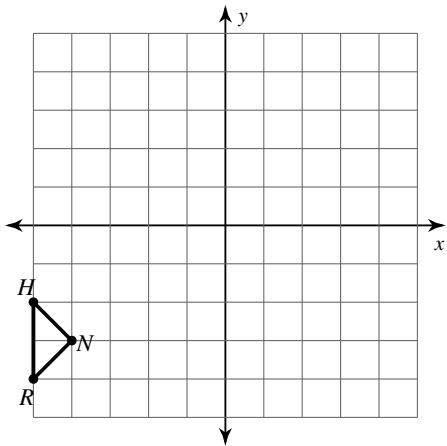
9) rotation 90° clockwise about the origin



10) rotation 180° about the origin



11) rotation 90° clockwise about the origin



12) rotation 90° clockwise about the origin

