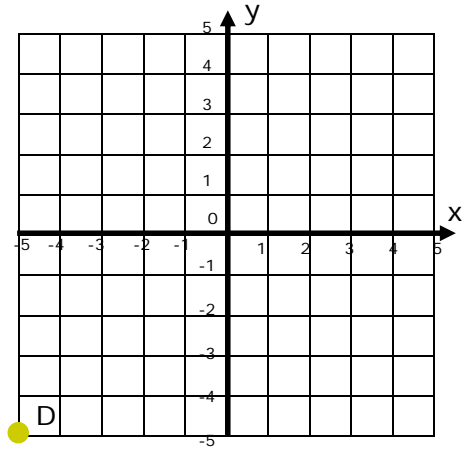Name _____   Date _____

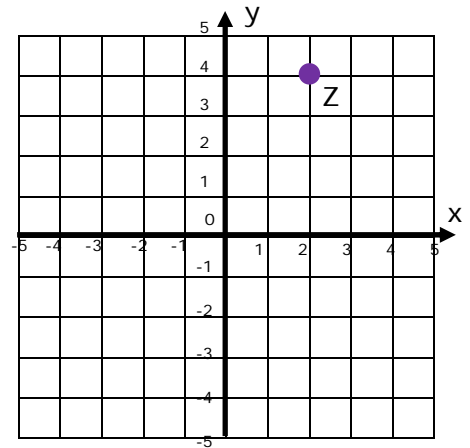## Properties of Rotations, Reflections, and Translations Independent Practice Worksheet
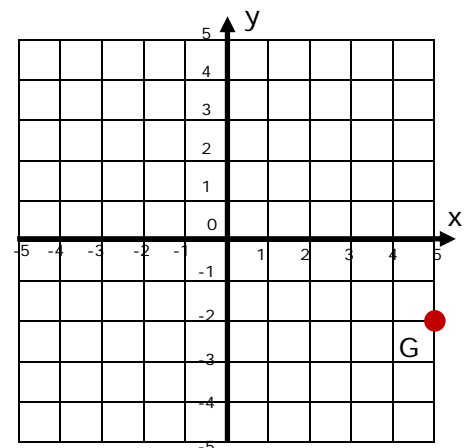
Complete all the problems.

1) Graph the image of D (-5, -5) after a reflection over the x-axis.

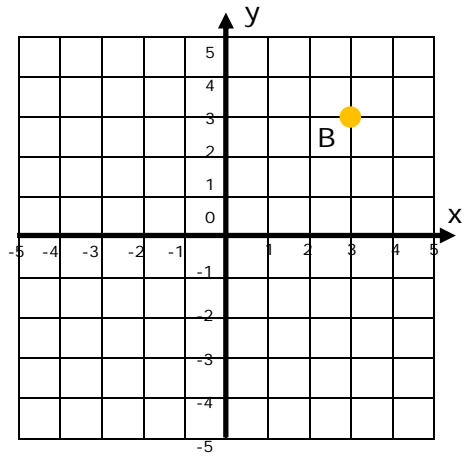2) Graph the image of Z (2, 4) after a reflection over the y-axis.

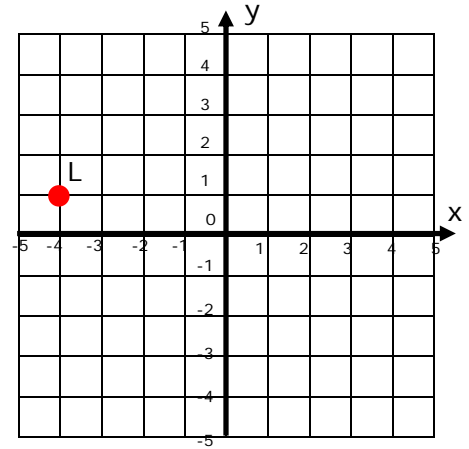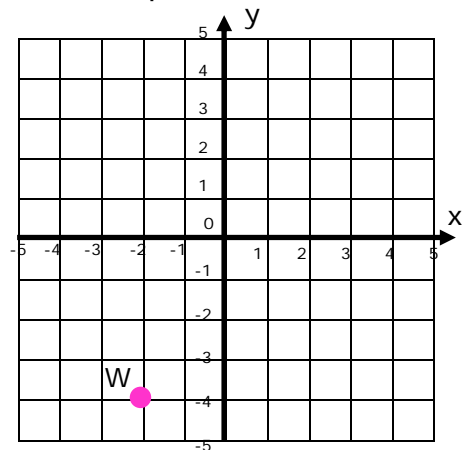3) Graph the image of G (5,-2) after a reflection over the y-axis.

4) Graph the image of B (3,3) after a translation 3 units left.

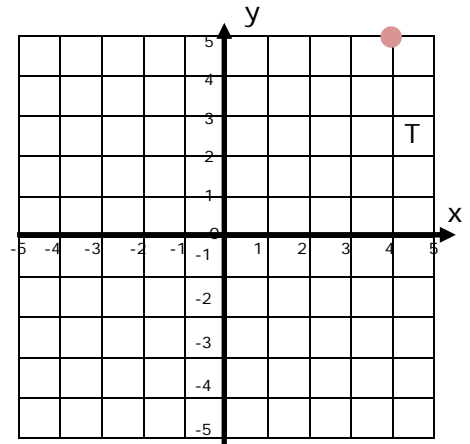5) Graph the image of L (-4,1) after a translation
6 units down.

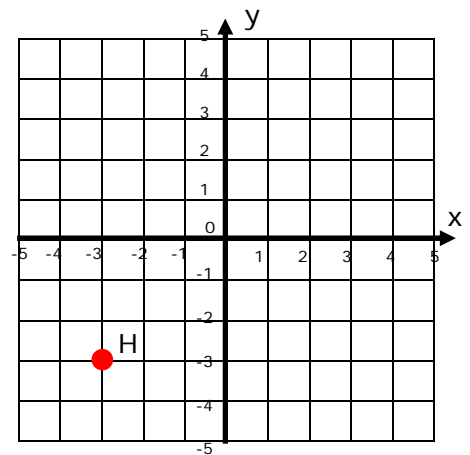6) Graph the image of W (-2,-4) after a translation 8 units up.

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7) Graph the image of T (4, 5) after a rotation 90˚counterclockwise around the origin.

8) Graph the image of H (-3,-3) after a rotation 270˚clockwise around the origin.

9) Graph the image of C (-4, 5) after a rotation 90˚counterclockwise around the origin.