

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Find the coordinates of the vertices of each figure after the given transformation.

1. Reflection across the x-axis.

$$R(-2, 2) \rightarrow$$

$$J(-1, 4) \rightarrow$$

$$G(3, 4) \rightarrow$$

2. Reflect across the y-axis.

$$H(1, -3) \rightarrow$$

$$Z(1, 2) \rightarrow$$

$$W(4, 1) \rightarrow$$

3. Reflect across the x-axis.

$$E(-4, -2) \rightarrow$$

$$N(-1, 0) \rightarrow$$

$$A(1, -3) \rightarrow$$

4. Reflect across the y-axis.

$$N(-4, 2) \rightarrow$$

$$L(-1, 3) \rightarrow$$

$$R(-1, 2) \rightarrow$$

5. Reflect across the x-axis.

$$R(1, -5) \rightarrow$$

$$Y(0, -3) \rightarrow$$

$$U(2, 0) \rightarrow$$

$$V(4, -2) \rightarrow$$

6. Reflect across the y-axis.

$$Z(-5, -2) \rightarrow$$

$$P(-5, 2) \rightarrow$$

$$N(-3, 3) \rightarrow$$

$$A(-2, 0) \rightarrow$$

7. Reflect across the x-axis.

$$C(0, 0) \rightarrow$$

$$A(1, 4) \rightarrow$$

$$T(2, 4) \rightarrow$$

$$H(4, 0) \rightarrow$$

8. Reflect across the y-axis.

$$J(-3, 1) \rightarrow$$

$$L(-1, 3) \rightarrow$$

$$B(0, 1) \rightarrow$$

$$M(-2, -4) \rightarrow$$