### Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

1. Reflection across the x-axis.

****

1. Reflect across the y-axis.

****

1. Reflect across the line y = x.

****

1. Reflect across the line y = -x.

****

1. Reflect across the y-axis.

****

1. Reflect across the line y = -x.

****

1. Reflect across the x-axis.

****

1. Reflect across the line y = x.

****

1. Reflect the image across the y-axis.



1. Reflect the image across the x-axis.



1. Reflect the image across the y-axis.



1. Reflect the image across the x-axis.



Write a rule to describe each transformation.

1. ****
2. ****
3. ****
4. ****