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

**Reflection Homework**

Reflect according to the given situation

1. Reflect trapezoid WXYZ with vertices 2. Reflect rhombus QRST with vertices

W(2, 4), X(2, -2), Y(4, -1), Z(4, 3) Q(-1, 5), R(-4, 3), S(-1, 1), T(2, 3)

over the y-axis  across the x-axis

Describe the reflection:



3. 4.

Write the coordinates obtained after the given reflection:

5. P(-8, 5), Q(-5, 5), R(-5, 8), S(-8, 8) 6. S(-7, -5), T(-7, -8), U(-6, -8), V(-6, -5)

Reflection across the y-axis Reflection across the x-axis

P´: \_\_\_\_\_, Q´: \_\_\_\_\_ S´: \_\_\_\_\_, T´: \_\_\_\_\_

R´: \_\_\_\_\_, S´: \_\_\_\_\_ U´: \_\_\_\_\_, V´: \_\_\_\_\_