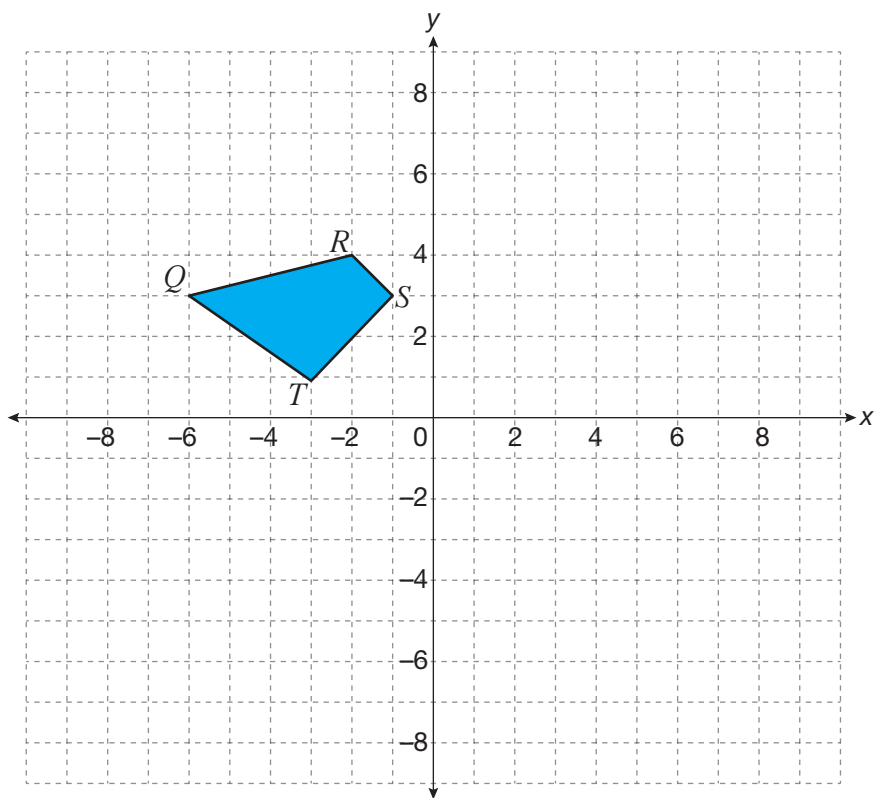




Practice – Part 3

Instructions: Answer each of the following practice questions on a separate piece of paper. Step by step solutions are provided under the Solutions tab. You will learn the material more thoroughly if you complete the questions before checking the answers under the Solutions tab in Moodle.

1. Translate quadrilateral $QRST$ horizontally 3 units to the left and vertically 4 units up and then reflect the image, $Q'R'S'T'$, in the x -axis. State the coordinates of each vertex of the transformed quadrilateral, $Q''R''S''T''$, after the two transformations have been completed.



2. Reflect pentagon $VWXYZ$ in the y -axis and then translate the shape horizontally 1 unit to the right and vertically 4 units up. State the coordinates of each vertex of the final transformed image, pentagon $V''W''X''Y''Z''$.

