MPM 2D1 Name: _____

Verifying Geometric Properties

1. Show that the midsegments of a rhombus with vertices at $R(-5,2)$, $S(-1,3)$, $T(-2,-1)$, and $U(-6,-2)$ form a rectangle.

2. Show that the diagonals of the rhombus in question 1 are perpendicular and bisect each other.