

**Proving Quadrilaterals on a Coordinate Plane NOTES #5**

**PARALLELOGRAM**

**RECTANGLE**

- Diagonals are congruent
- Four right angles

**SQUARE**

- Four right angles
- Four congruent sides
- Diagonals are congruent, perpendicular, bisect each other and opposite angles

**RHOMBUS**

- Diagonals are perpendicular
- Diagonals bisect opposite angles
- Four sides are congruent

State all POSSIBLE names for each figure. (parallelogram, rectangle, rhombus, square)

