

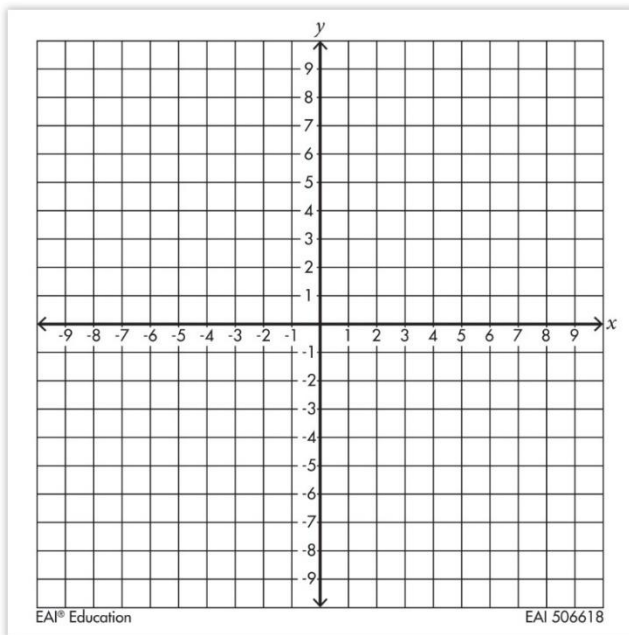
10.4 Quadrilateral Coordinate Proof Quiz-12 points

Make up your own **unique** problem with an answer. Do not use any problems we've seen in class or used by another student. Make sure your work is neat and legible.

1. Give the specific points $ABCD$ for a type of quadrilateral we've studied (only a rectangle, rhombus, square, or isosceles trapezoid). Each vertex (point) must be in a different quadrant on the graph. The quadrilateral may not have horizontal or vertical slopes (the shape should be tilted) (4 pts)
2. Include a labeled graph of your quadrilateral. (3 pts)
3. Give a complete answer (showing all work) for your quadrilateral proving that it is a specific shape. Include justifications (what the work shows) (5 pts)

Ex: 1. Give the most specific name for $A(\quad , \quad) B(\quad , \quad) C(\quad , \quad) D(\quad , \quad)$

2.



3. $ABCD$ is a _____ because _____.

Show work.