

Name _____ Date _____

Quiz: Proofs in Coordinate Geometry

Given: C(5,-2), D(2,2), F(6,4) and E(9,1)

1. Draw the quadrilateral on a graph paper.
2. Find DC.
3. Find EF.
4. IS $DC \approx EF$?
5. Find DF.
6. Find CE.
7. IS $FE \approx CD$?
8. Find the slope of DF.
9. Find the slope of EF.
10. Prove: CDFE is a square (state reason for the answer)

Given: $\triangle GFE$ with G(1,3), E(4,-1) and F(5,6)

9. Draw the triangle on a graph paper.
10. State reason that $\triangle RSQ$ is isosceles triangle.

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%