Practice Assessment

GPE-1: What quadrilateral is formed; Circle equation; Equation of Perpendicular Bisector 1. Show that the quadrilateral formed by the points A(-3,3) B(0,5) C(2,2), and D(-1,0) is a square.



2. Does the point $(2,\sqrt{12})$ lie on a circle centered at the origin (0,0) with radius 4? Show the calculations that lead to your conclusion.

3. Write the equation of the perpendicular bisector of a line segment with endpoints A(4,3) and B(-2,1).

GPE-2: Graphing Lines, Segment Partitioning, Area and Perimeter





