

Challenge Problems

10.1

NAME _____

Module 10 Coordinate Geometry and Spatial Visualization

Lesson 1 Points in a Coordinate Plane

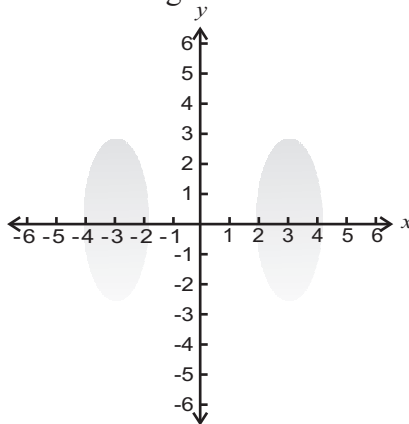
Set 1

1 Are the coordinates $(1, 5)$ and coordinates $(5, 1)$ the same?

2 What are the signs of any coordinates in Quadrant III? Explain.

Set 2

1 You can win the game shown by plotting a point in one of the shaded regions. Write two ordered pairs that would win the game.



2 The product of the x -coordinate and y -coordinate of a point is negative. In which quadrant or quadrants can the point lie? Explain.

Additional Work Area