



Coordinate Plane Learning Objectives

Concept 1: Parts of the Coordinate Plane/ Identifying/Locating

1. Students identify the vocabulary terms connected to the coordinate plane.
2. Students identify points located on a coordinate grid by naming their location (ordered pair).
3. Students locate points on a coordinate plane given the ordered pair.

Concept 2: Graphing Equations/Equations of a Line on the Coordinate Plane

4. Students plot points on a plane that describe a linear pattern (function).
5. Students use points located on the graph of a straight line to determine the slope of the line.
6. Students identify/determine the equation that defines a line located on a coordinate plane.
7. Students use the slope of a line to determine its relation to another line.

Concept 3: Using the Coordinate Plane in Algebra

8. Students plot the points for two different linear equations on the same grid to explore a solution strategy for systems of equations.