

Math Foundations
Basic Graphing- X and Y Axis

Answer Key

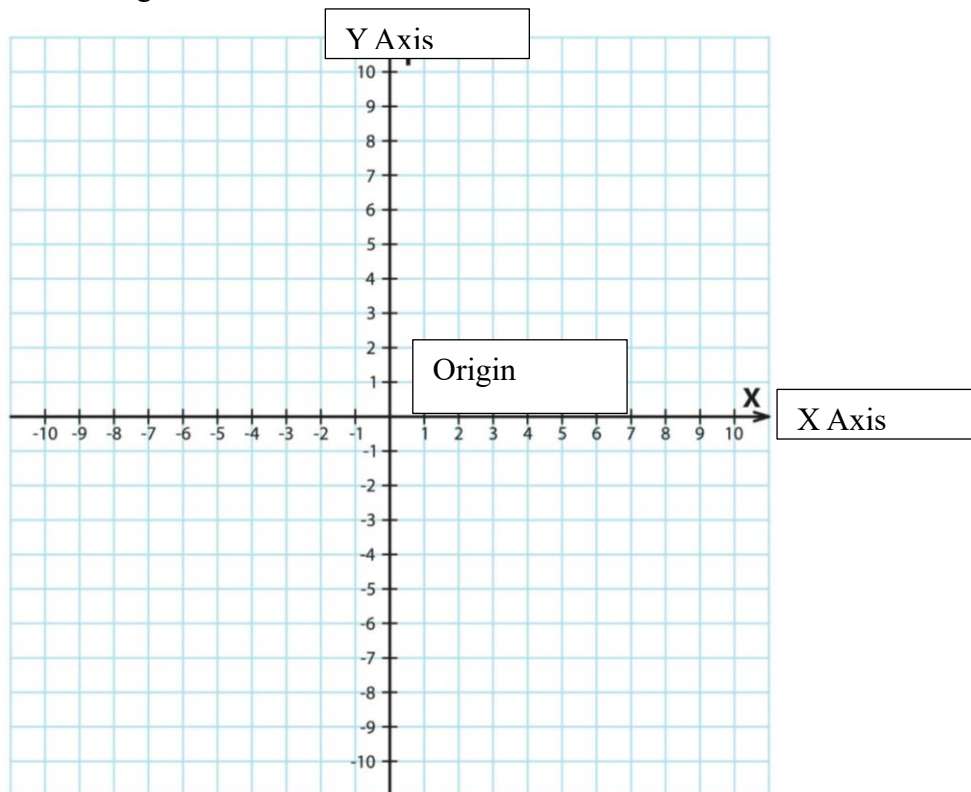
Part 1: Match the term to its definition.

1C; 2E; 3F; 4B; 5A; 6D

Part 2: Label the Graph

Label the following on the coordinate plane below:

- A. X-axis
- B. Y-axis
- C. Origin



Part 3: Intercepts

Using the line drawn in **Part 2**,

- A. What is the y-intercept of the line? **$y = 3$ with the coordinate pair of (0,3)**
- B. What is the x-intercept of the line? **$x = -3$ with the coordinate pair of (-3,0)**

Part 4: Plot the Campus

In the grid below, plot the following locations on campus using the approximated coordinate pairs.

#	Location	Coordinate (x , y)
A	Bell Tower	(0,0)
B	SERC or Engineering Building	(1,-1)
C	Beury Hall	(1,0)
D	Charles Library	(1,1)
E	Tuttleman Learning Center	(-1,1)

