

Module 2 – Linear Functions and Their Graphs
Lesson 1 – Rectangular Coordinate Plane
Homework 1

Name _____

Answer each section.

Fill in the blanks.

1. The _____ was invented by the French mathematician,
_____.
2. _____ are a set of values that show an exact position.
3. The vertical line on the coordinate plane is referred to as the _____
while the horizontal line is the _____.
4. The first coordinate, which is on the x-axis, is called the _____ while
the second coordinate, which is on the y-axis is called the _____.

Identify the quadrant or axis the following coordinates are located on.

1. (-12, 9) _____
2. (-367, -667) _____
3. (8, 0) _____
4. (1, -0.000001) _____
5. (0, 70) _____
6. (-1, 0) _____
7. $(-\frac{2}{7}, \frac{4}{5})$ _____
8. (45, 79) _____
9. (0, 0) _____
10. $(-5.67, \frac{19}{20})$ _____

Plot the following points on the coordinate plane.

1. (2, 5)
2. (-6, -9)
3. (4, 2)
4. (-5, 7)
5. (8, 5)

6. (-12, -3)
7. (11, 2)
8. (1, 10)
9. (5, 3)
10. (-6, 3)

11. (11, -2)
12. (1, 6)
13. (0, -3)
14. (4, -2)
15. (-5, 3)

