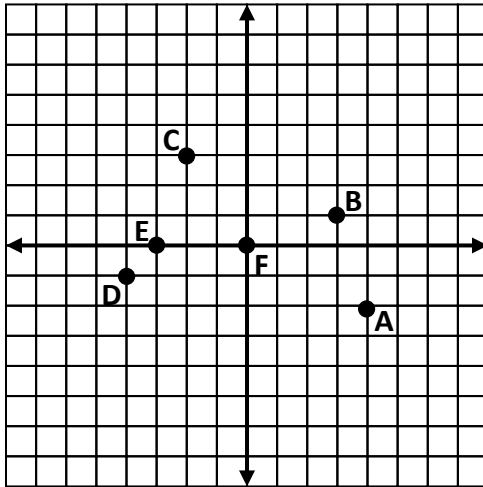


30S Applied Math

Name _____

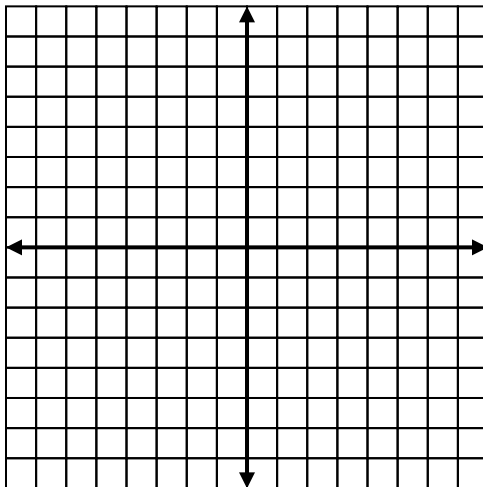
Introduction to Graphing Hand-in Assignment 1

1. List the coordinates for each of the points below:



A () B () C () D () E () F ()

2. Plot the following points on the grid below. Place each point name beside it.



A (-6, 2) B (4, -3) C (5, 0) D (-3, -2) E (3, 5) F (-1, 4)

3. In which quadrant are each of the following points located?

(3, -6) _____ (-4, -3) _____ (5, 2) _____ (-6, 3) _____

4. The following table shows a person's house number and the person's weight (in kg). Enter the data into your calculator and inspect the scatter plot to respond to the questions that follow.

House number	15	98	146	62	367	229	44
Weight (kg)	88.7	52.2	69.4	73.1	61	95.3	78.5

a) Sketch the scatterplot. Label the axes and provide a scale for each.

b) State the type of correlation: _____

5. The following table shows the temperature ($^{\circ}\text{F}$) at noon versus number of people eating lunch outside. Enter the data into your calculator and inspect the scatter plot to respond to the questions that follow.

Temperature ($^{\circ}\text{F}$)	55	76	83	89	85	52	85
Number of People	3	5	12	18	10	2	15

a) Sketch the scatterplot. Label the axes and provide a scale for each.

b) State the type of correlation: _____