Please complete the following problems for homework. Check Mrs. Kent's website for due dates. THERE MAY BE PROBLEMS ON THE BACK!

1.

a. Copy and complete the following table:

x	-2	-1	0	1	2
$y = 2x + 1$					

b. On the attached graph page, draw the graph of $y = 2x + 1$ from $x = -2$ to $x = 2$ (CLEARLY IDENTIFY THE PROBLEM NUMBER NEXT TO THE GRAPH)

c. Find the point at which the graph cuts (intercepts) the *x*-axis. Write the coordinates here.

d. A point A lies on the graph. If its *x*-coordinate is 0.5, then find its *y*-coordinate.

e. A point B lies on the graph. If it's *y*-coordinate is 4, then find its *x*-coordinate.

2.

a. Copy and complete the following table:

x	-2	-1	0	1	2
$y = -x - 2$					

b. On the attached graph page, draw the graph of $y = -x - 2$ from $x = -2$ to $x = 2$ (CLEARLY IDENTIFY THE PROBLEM NUMBER NEXT TO THE GRAPH)

c. Find the point at which the graph cuts (intercepts) the *x*-axis. Write the coordinates here.

d. A point C lies on the graph. If its *x*-coordinate is 3, then find its *y*-coordinate.

e. A point D lies on the graph. If it's *y*-coordinate is -1, then find its *x*-coordinate.