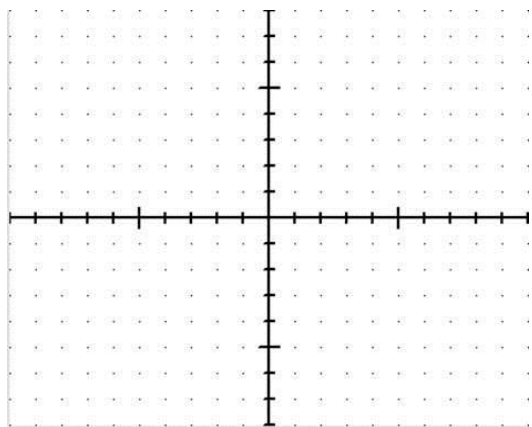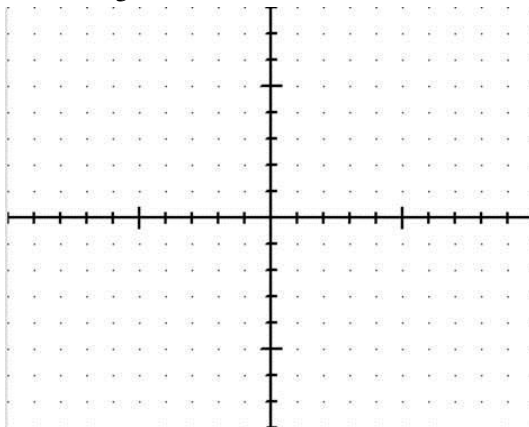Name:_____Date:_____Period:_____

Algebra 2 Unit 1 Graphing Review

Directions: Graph each of the following using tables, slopes, or your knowledge of the different forms of lines. Make sure all graphs are accurate.
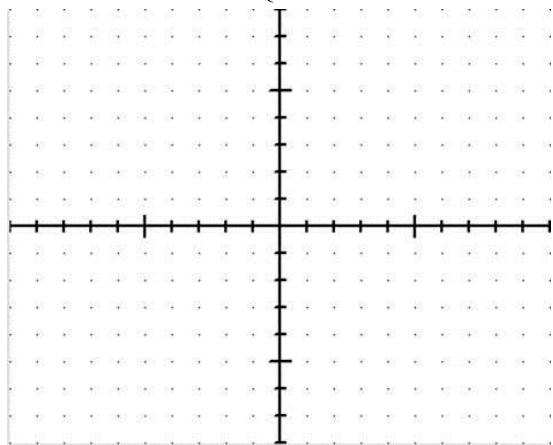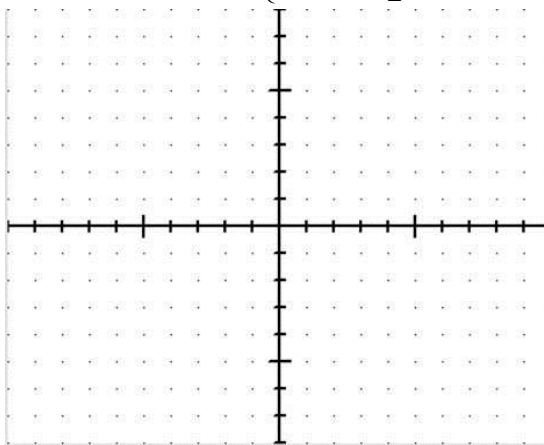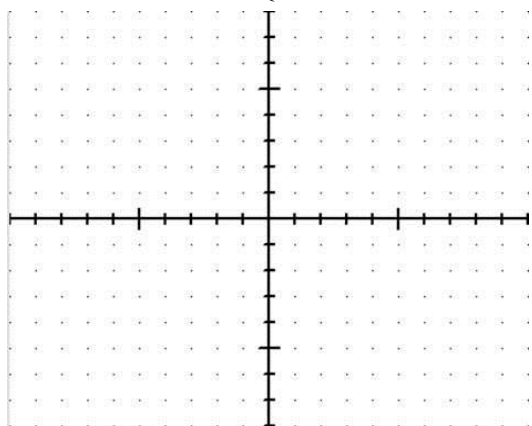
1) $f(x) = 5x - 3$

2) $y = -\dfrac{1}{5}x + 1$

3) Solve the system $\begin{cases} f(x) = -\dfrac{1}{2}x + 1 \\ g(x) = -x \end{cases}$

4) Solve the system $\begin{cases} h(x) = 4 \\ r(x) = -\dfrac{3}{2}x + 7 \end{cases}$

5) Solve the system $\begin{cases} y = -3|x+2| + 6 \\ y = x + 4 \end{cases}$

6) $f(x) = \dfrac{1}{2}|x-4| - 3$