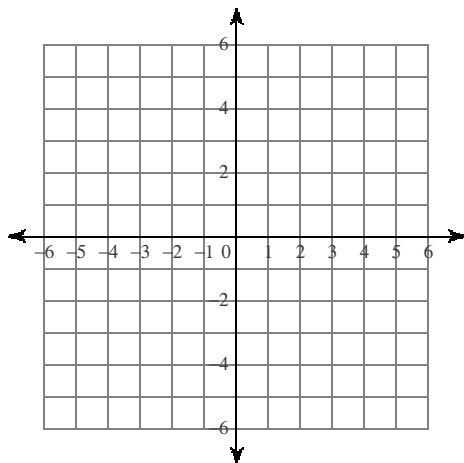


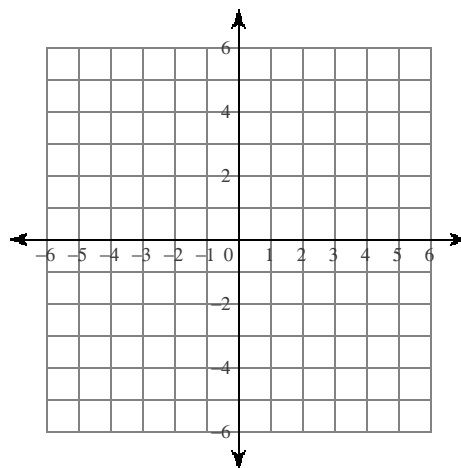
Q1 HW4 - *All Work On Looseleaf Except As Noted Date_____ Period_____

Sketch the graph of each line. Work on this page is OK for these problems.

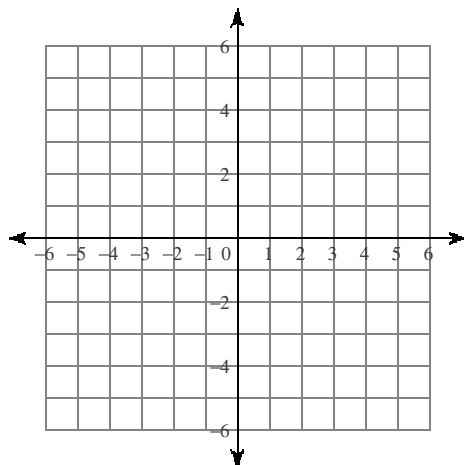
1) $y = \frac{1}{5}x - 5$



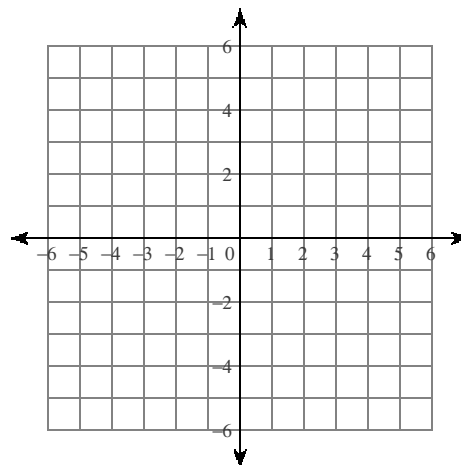
2) $x = -1$



3) $2x - y = -3$



4) $2x - 5y = -10$



Write the slope-intercept form of the equation of the line through the given point with the given slope.

5) through: $(2, -5)$, slope $= -\frac{7}{2}$

6) through: $(5, -2)$, slope $= -\frac{4}{5}$

Write the slope-intercept form of the equation of the line through the given points.

7) through: $(-3, -3)$ and $(2, 4)$

8) through: $(3, 4)$ and $(4, 5)$

9) through: $(2, -4)$ and $(-2, 5)$

10) through: $(1, -5)$ and $(2, 1)$

11) through: $(4, -4)$ and $(2, 5)$

12) through: $(-3, -5)$ and $(2, -2)$

Write the slope-intercept form of the equation of the line described.

13) through: $(1, 3)$, parallel to $y = 6x + 1$

14) through: $(1, 0)$, parallel to $y = \frac{2}{5}x + 1$

15) through: $(1, -4)$, perp. to $y = -x + 1$

16) through: $(4, -3)$, perp. to $y = -2x + 3$