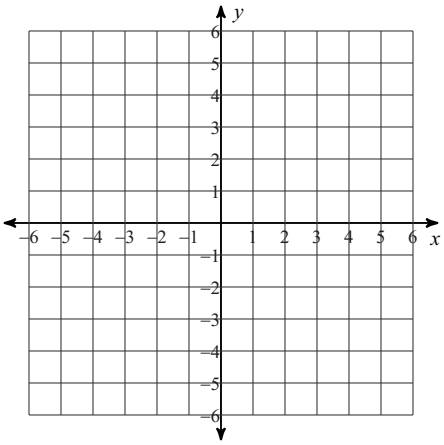
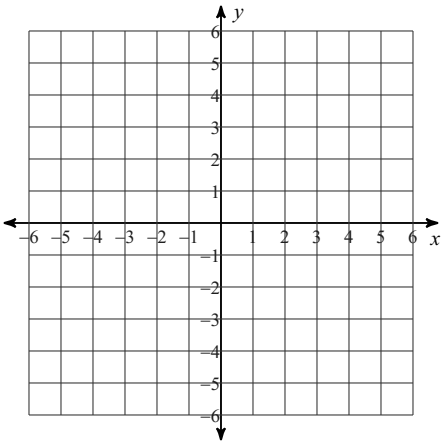
DAY 2 HOMEWORK - NO CALCULATOR!!!

Sketch the graph of each linear function and then list its key features.

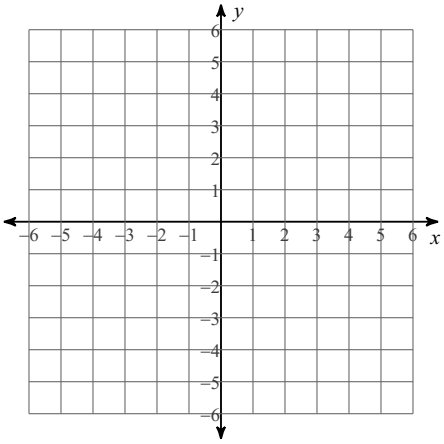
1) $-y - 5 = -4x$



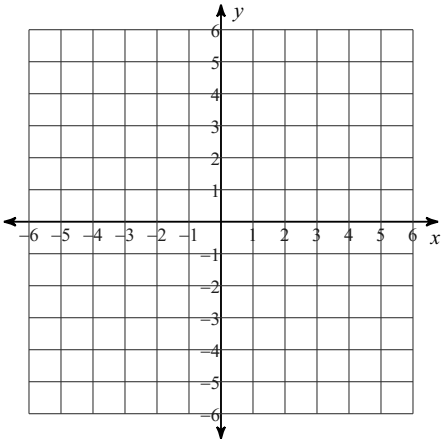
2) $-3 + y = 0$



3) $3y = -3 - x$



4) $-x = -1$



Find the slope of the linear function that passes through the given intercepts. Then write an equation for that linear function.

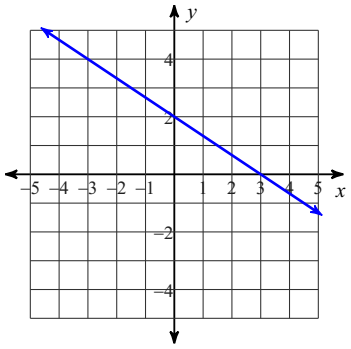
5) through: $(0, -4)$ and $(-2, 0)$

6) through: $(0, -3)$ and $(5, 0)$

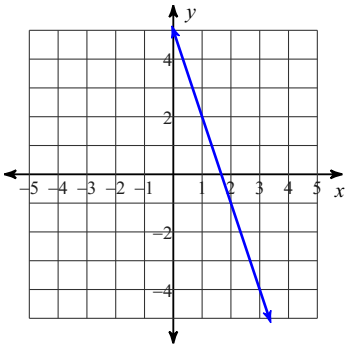
7) through: $(0, 1)$ and $(0, 3)$

Write the equation of the linear function represented by the given graph. Then list any key features of the linear function.

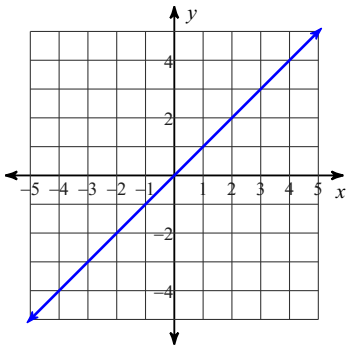
8)



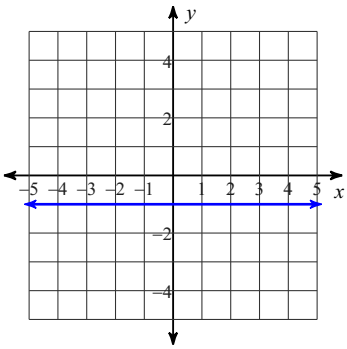
9)



10)



11)



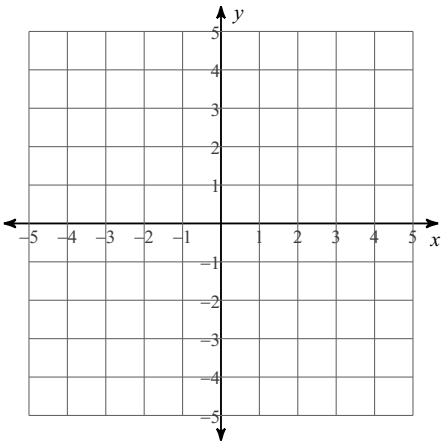
Find the solution(s) to each of the following linear systems ALGEBRAICALLY.

12) $6 = -x - 2y$
$2y - 2 - x = 0$

13) $0 = -3y + x - 6$
$3y - x = -6$

Find the solution(s) to each of the following linear systems ALGEBRAICALLY, then check these solution(s) GRAPHICALLY. You will get points for both!!!

14) $-12 = -3y + x$
$0 = 3y + 3 + 4x$



15) $-2y = -2 + x$
$-2y - 4 = x$