

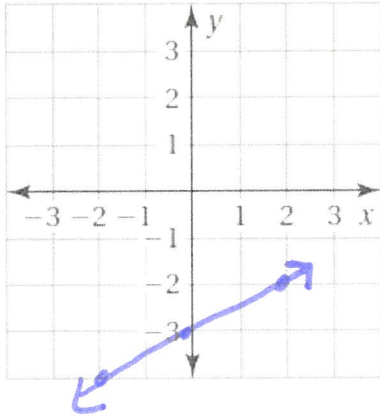
Graphing & Slope Review

Name: Key

Complete the x-y table. Then graph the equation. (You may have to solve for y first.)

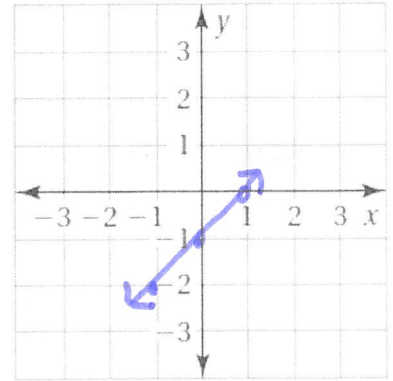
1) $y = \frac{1}{2}x - 3$

x	Y
-2	-4
0	-3
2	-2



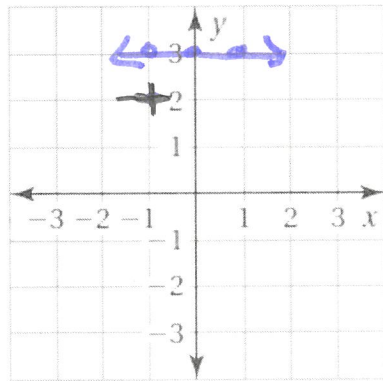
2) $y = x - 1$

x	Y
-1	-2
0	-1
1	0



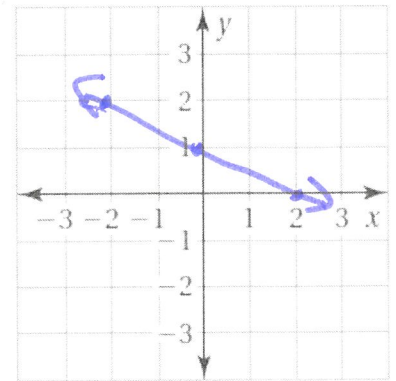
3) $y = 3$

x	Y
-1	3
0	3
1	3



4) $y = -\frac{1}{2}x + 1$

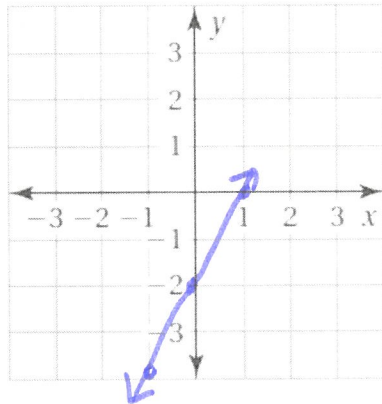
x	Y
-2	2
0	1
2	0



5) $y + 2 = 2x$

$-2 \quad -2$
 $y = 2x - 2$

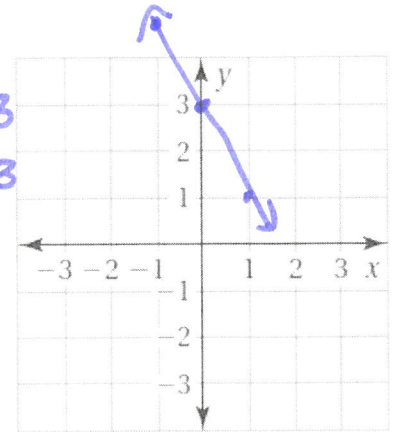
x	y
-1	-4
0	-2
1	0



6) $y - 3 = -2x$

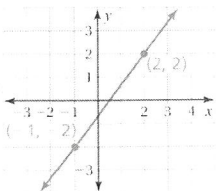
$+3 \quad +3$
 $y = -2x + 3$

x	y
-1	5
0	3
1	1

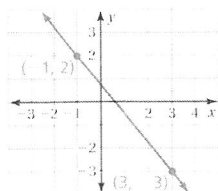


Find the slope of the following.

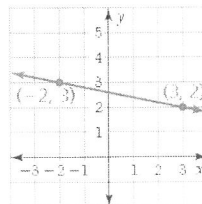
7) $m = \frac{4}{3}$



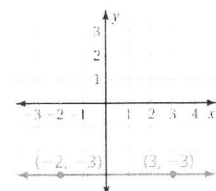
8) $m = \frac{5}{4}$



9) $m = -\frac{1}{5}$



10) $m = 0$



Find the slope and y-intercept of the equation.

11) $y = -3x + 9$ $m = \underline{-3}$ $b = \underline{9}$

12) $y = 4x - 7$ $m = \underline{4}$ $b = \underline{-7}$

13) $y = \frac{4}{5}x - 2$ $m = \underline{\frac{4}{5}}$ $b = \underline{-2}$

14) $y = -\frac{1}{3}x + 6$ $m = \underline{-\frac{1}{3}}$ $b = \underline{6}$

15) $y - 3.5 = -2x$ $m = \underline{-2}$ $b = \underline{3.5}$
 $+3.5$ $+3.5$

16) $y + 5 = \frac{3}{4}x$ $m = \underline{\frac{3}{4}}$ $b = \underline{-5}$
 -5 -5

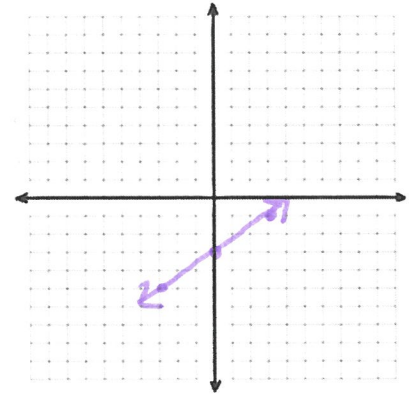
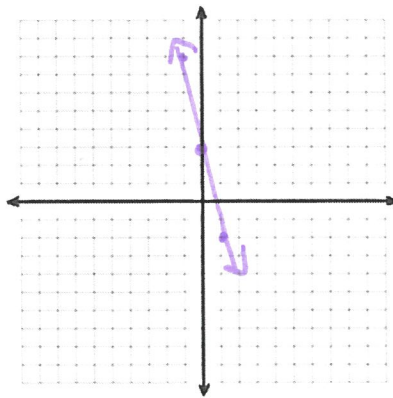
$y = -2x + 3.5$

$y = \frac{3}{4}x - 5$

Find the slope & y-intercept, then graph the following.

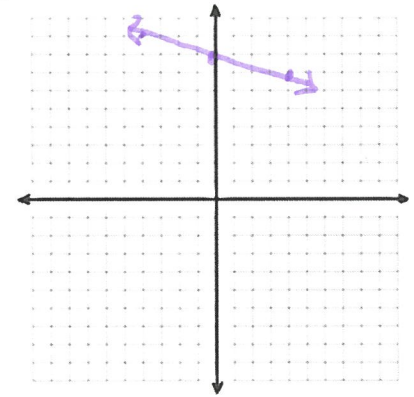
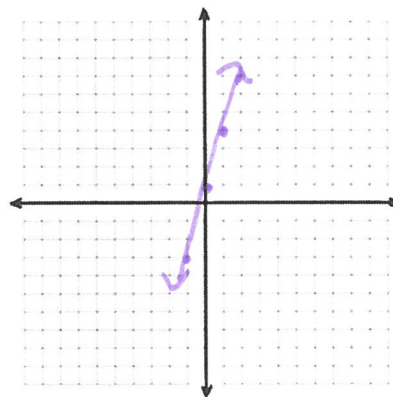
17) $y = -5x + 3$ $m = \underline{-\frac{5}{1}}$ $b = \underline{3}$

18) $y = \frac{2}{3}x - 3$ $m = \underline{\frac{2}{3}}$ $b = \underline{-3}$



19) $y = 3x + 1$ $m = \underline{\frac{3}{1}}$ $b = \underline{1}$

20) $y = -\frac{1}{4}x + 8$ $m = \underline{-\frac{1}{4}}$ $b = \underline{8}$



21) $y + 6 = 2x$ $m = \underline{\frac{2}{1}}$ $b = \underline{-6}$
 -6 -6

22) $y - 4 = \frac{1}{2}x$ $m = \underline{\frac{1}{2}}$ $b = \underline{4}$
 $+4$ $+4$

