

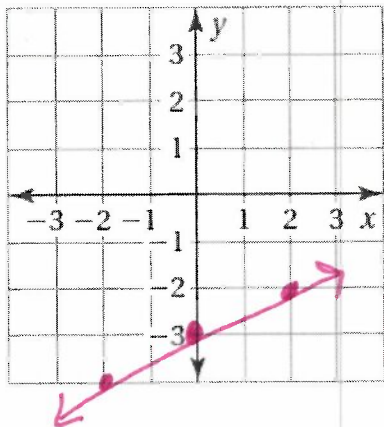
# GRAPHING/SLOPE REVIEW

Name Key

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

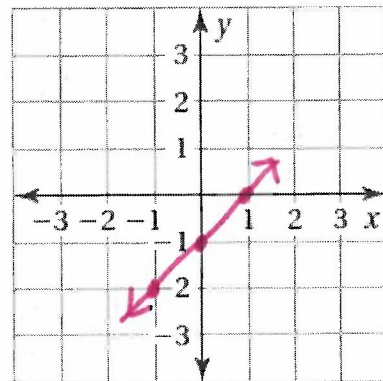
1)  $y = \frac{1}{2}x - 3$

x	y
2	-2
0	-3
-2	-4



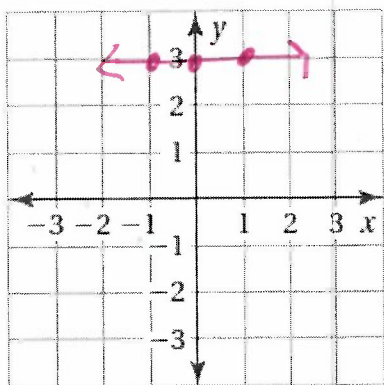
2)  $y = x - 1$

x	y
1	0
0	-1
-1	-2



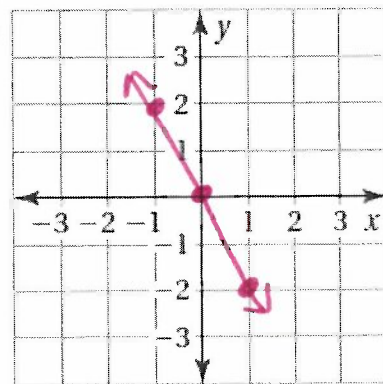
3)  $y = 3$

x	y
1	3
0	3
-1	3



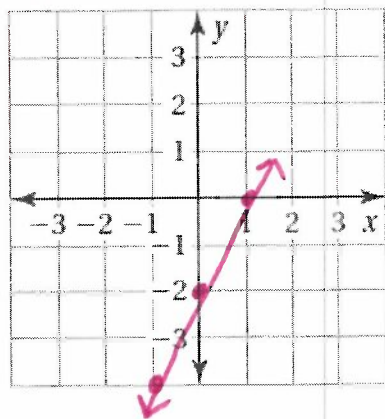
4)  $y = -2x$

x	y
1	-2
0	0
-1	2



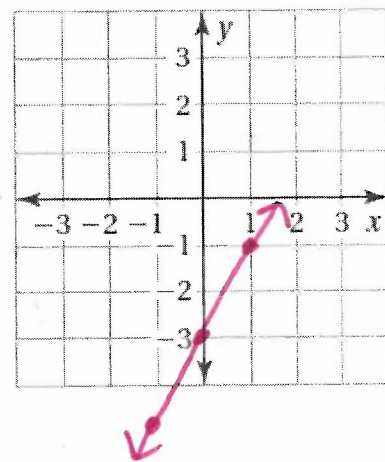
5)  $y + 2 = 2x$   
 $\frac{-2}{-2} \quad \frac{-2}{-2}$   
 $y = 2x - 2$

x	y
1	0
0	-2
-1	-4



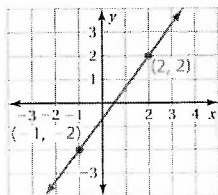
6)  $y + 3 = 2x$   
 $\frac{-3}{-3} \quad \frac{-3}{-3}$   
 $y = 2x - 3$

x	y
1	-1
0	-3
-1	-5

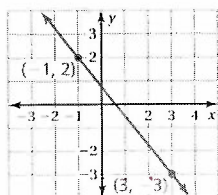


Find the slope of the following.

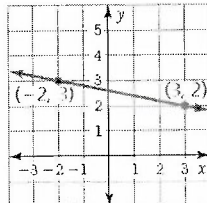
7)  $m = \frac{4}{3}$



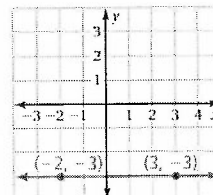
8)  $m = -\frac{5}{4}$



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



10)  $m = \frac{0}{5} = 0$



Find the slope and y-intercept of the equation.

11)  $y = -3x + 9$   $m = \underline{-3/1}$   $b = \underline{9}$

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

15)  $y - 3.5 = -2x$   $m = \underline{-2/1}$   $b = \underline{3.5}$   
 $+3.5 \quad +3.5$

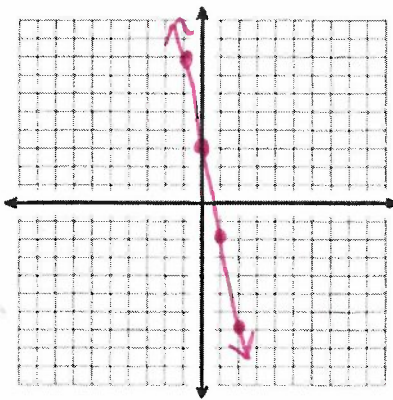
12)  $y = 4x - 7$   $m = \underline{4/1}$   $b = \underline{-7}$

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

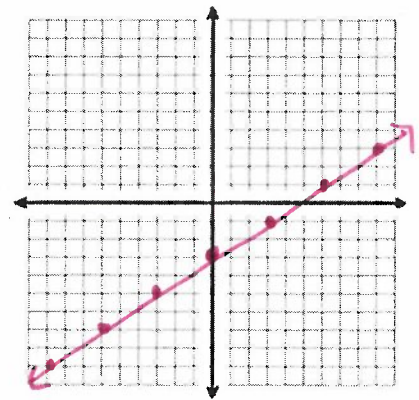
16)  $y + 5 = \frac{3}{4}x$   $m = \underline{3/4}$   $b = \underline{-5}$   
 $-5 \quad -5$

Find the slope and y-intercept and then graph the following.

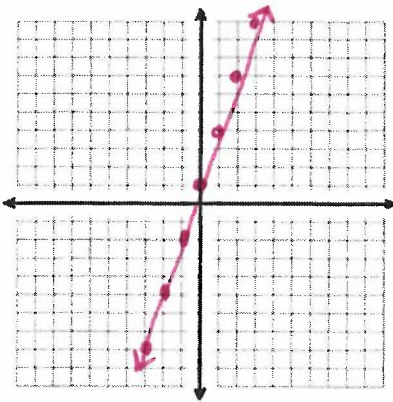
17)  $y = -5x + 3$   $m = \underline{-5/1}$   $b = \underline{3}$



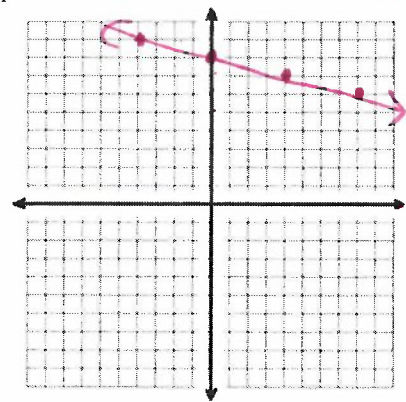
18)  $y = \frac{2}{3}x - 3$   $m = \underline{2/3}$   $b = \underline{-3}$



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

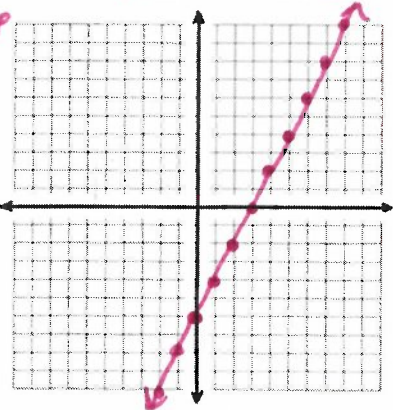


20)  $y = -\frac{1}{4}x + 8$   $m = \underline{-1/4}$   $b = \underline{8}$



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

$\frac{-6 \quad -4}{y = 2x - 6}$



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

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

