

NAME _____

DATE _____

SLOPE-INTERCEPT FORM: Worksheet 1

Fill in the x - y tables for the following equations.

1) $y = 3x - 6$

x	y
2	
0	
-2	

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

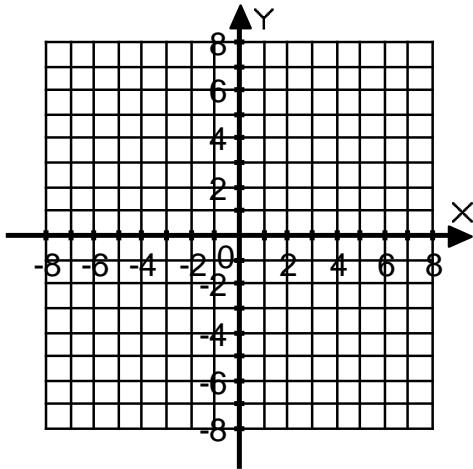
x	y
4	
0	
-4	

3) $y = \frac{2}{3}x + 4$

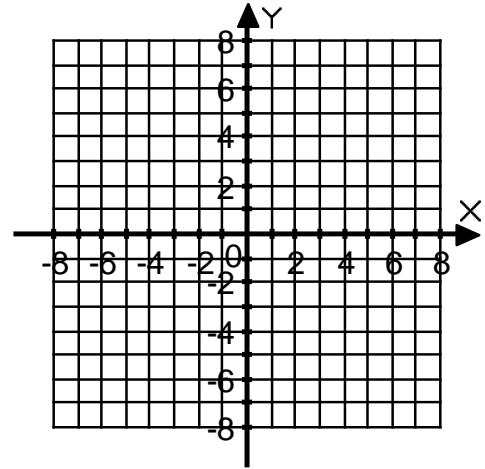
x	y
3	
0	
-3	

Graph the following equations.

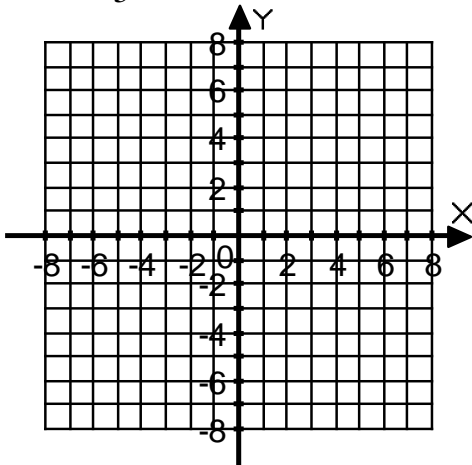
4) $y = 2x - 5$



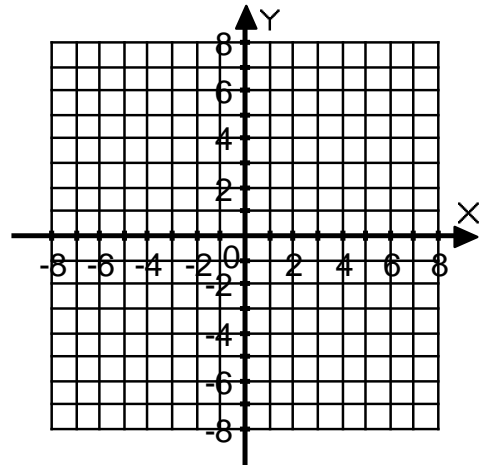
5) $y = -4x + 1$



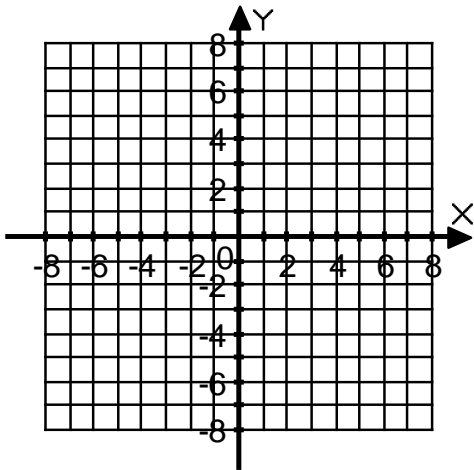
6) $y = \frac{2}{5}x + 3$



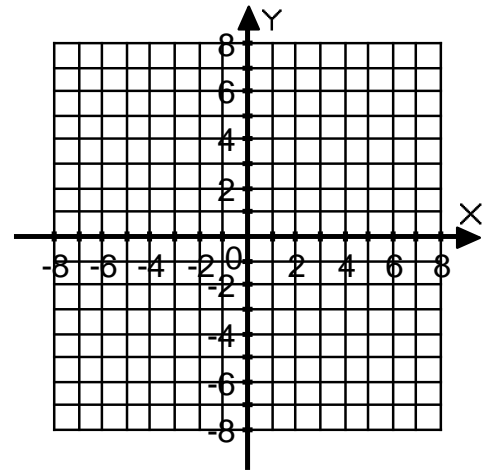
7) $y = 3x$



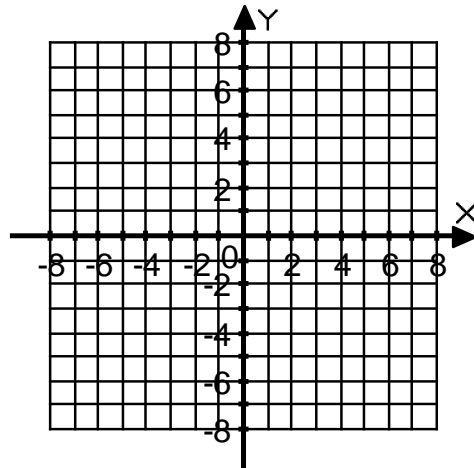
8) $6x + 2y = 8$



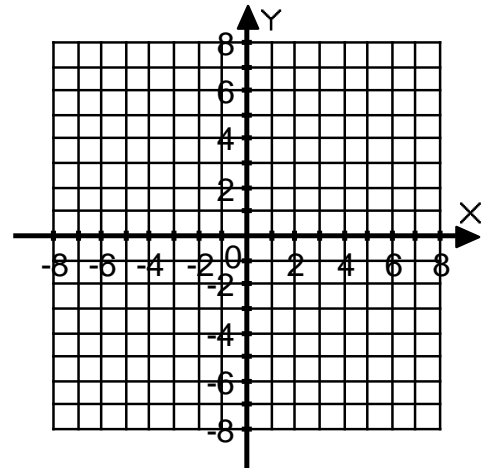
9) $4y - x = 8$



10) $y - 2x = 0$



11) $5x - 2y = 10$



KEY
SLOPE-INTERCEPT FORM: Worksheet 1

Fill in the x - y tables for the following equations.

1) $y = 3x - 6$

x	y
2	0
0	-6
-2	-12

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

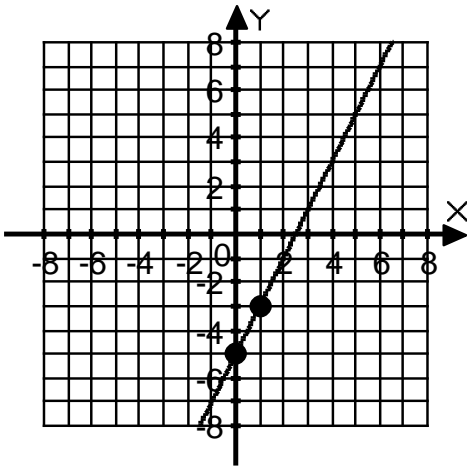
x	y
4	1
0	-1
-4	-3

3) $y = \frac{2}{3}x + 4$

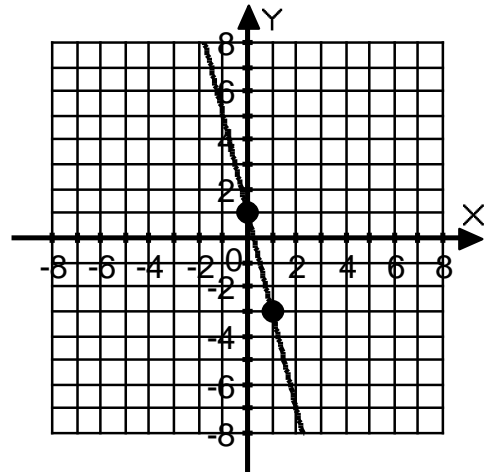
x	y
3	6
0	4
-3	2

Graph the following equations.

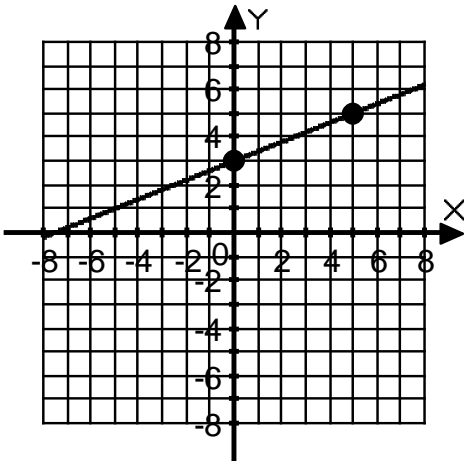
4) $y = 2x - 5$



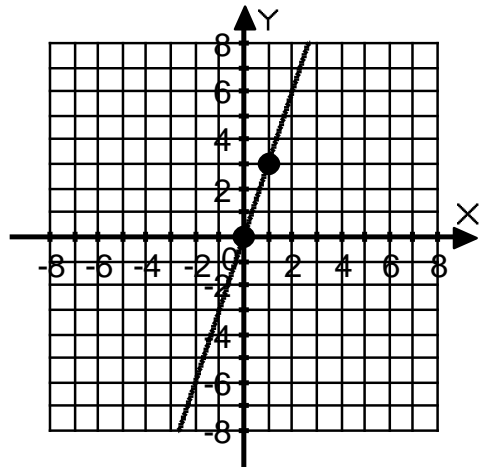
5) $y = -4x + 1$



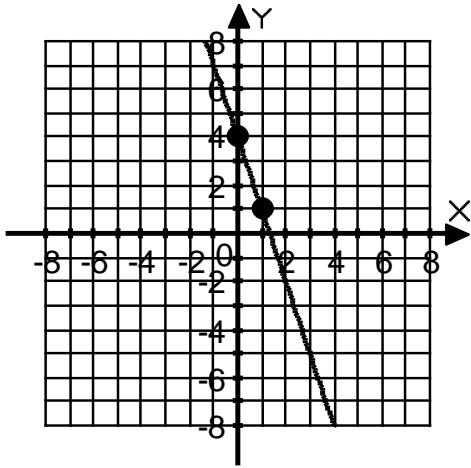
6) $y = \frac{2}{5}x + 3$



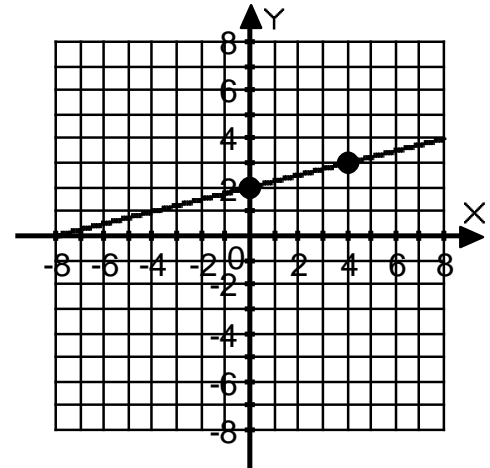
7) $y = 3x$ (y-intercept = 0 and $y = 3x + 0$)



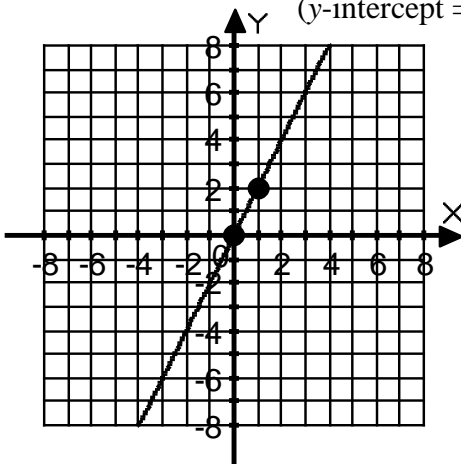
8) $6x + 2y = 8 \rightarrow y = -3x + 4$



9) $4y - x = 8 \rightarrow y = \frac{1}{4}x + 2$



10) $y - 2x = 0 \rightarrow y = 2x$
(y-intercept = 0 and $y = 2x + 0$)



11) $5x - 2y = 10 \rightarrow y = \frac{5}{2}x - 5$

