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NAME _____

DATE _____

SLOPE-INTERCEPT FORM: Worksheet 2

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

1) $y = -2x + 1$

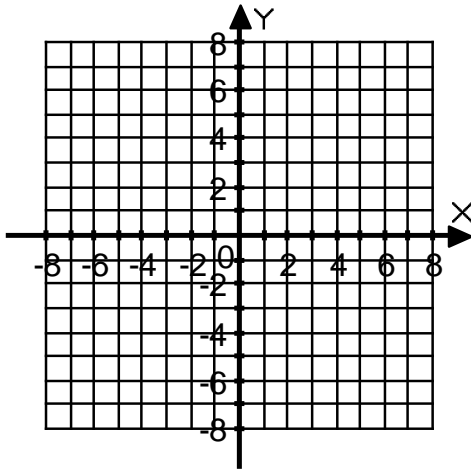| x	y
1	
0	
-1	

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

x	y
2	
0	
-2	

3) $y = \dfrac{3}{5}x - 3$
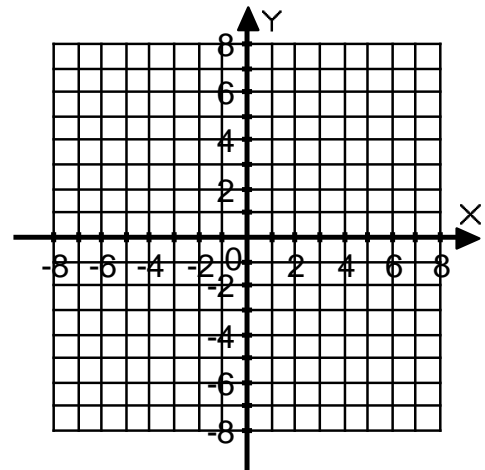
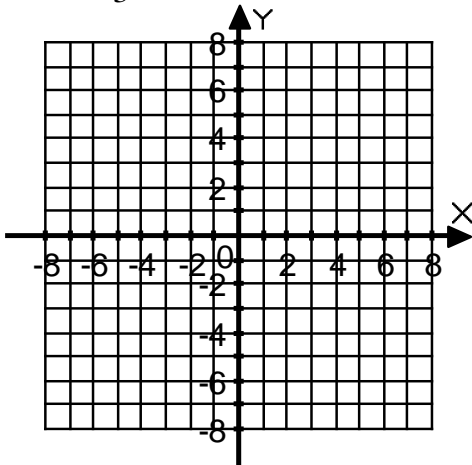| x	y
5	
0	
-5	

Graph the following equations.

4) $y = -2x - 3$
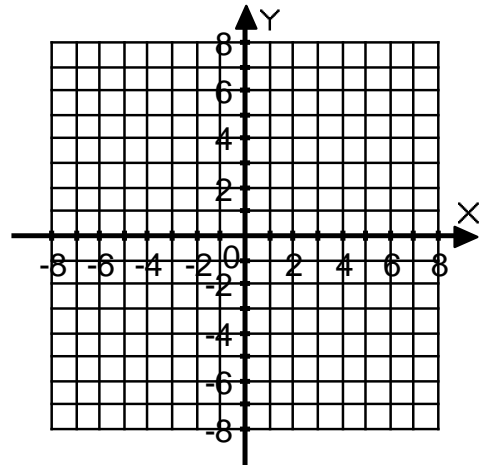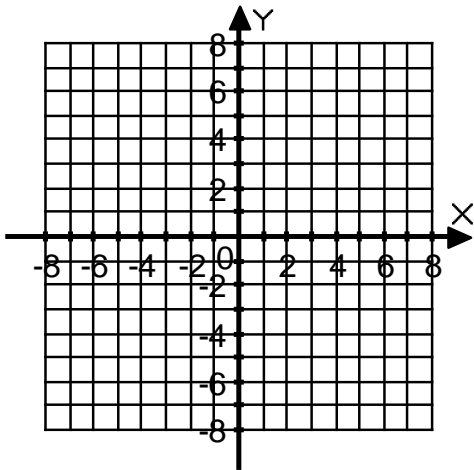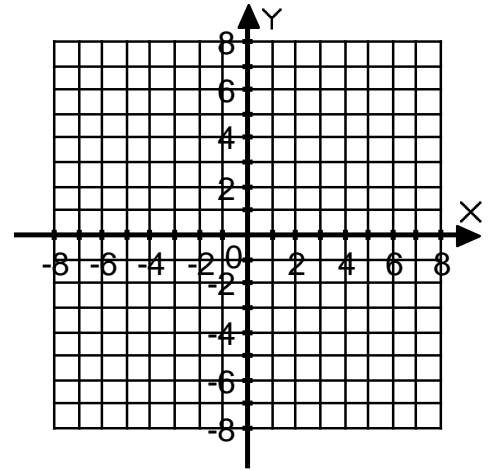

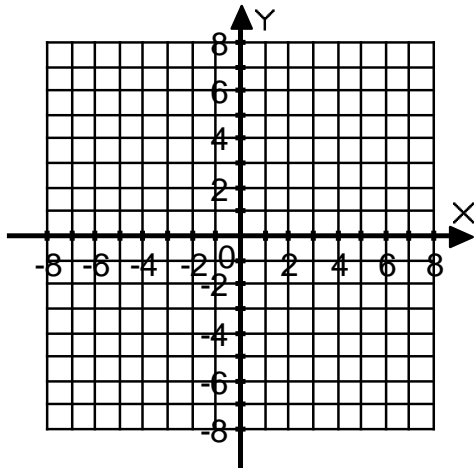5) $y = 3x + 2$

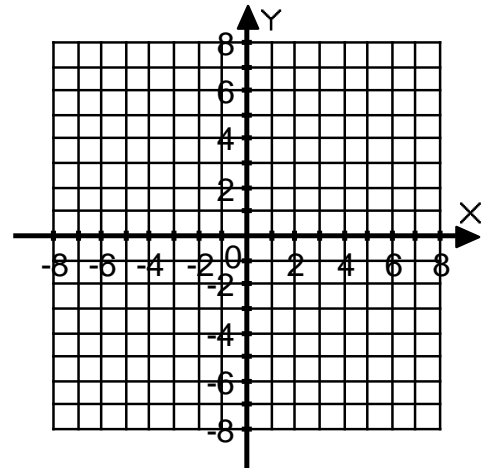6) $y = \dfrac{1}{3}x + 4$

7) $y = -2x$

8) $4x + 2y = 10$

9) $6y - x = 6$

10) $2y - 3x = 0$

11) $5x - 4y = 12$

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SLOPE-INTERCEPT FORM: Worksheet 2

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

1) $y = -2x + 1$

x	y
1	-1
0	1
-1	3

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

x	y
2	5
0	4
-2	3

3) $y = \dfrac{3}{5}x - 3$
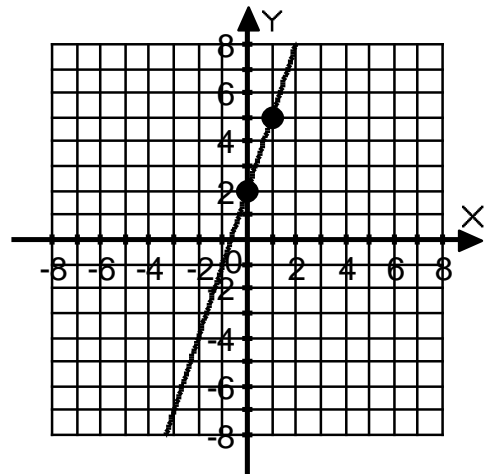
x	y
5	0
0	-3
-5	-6

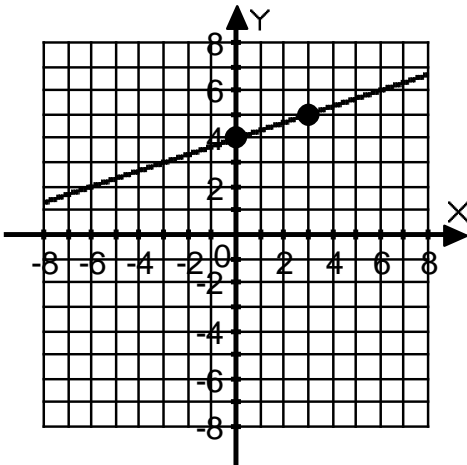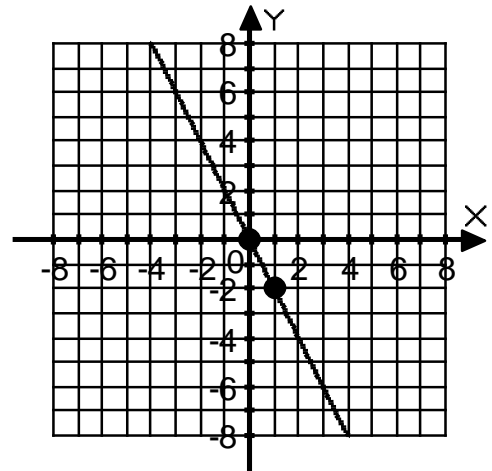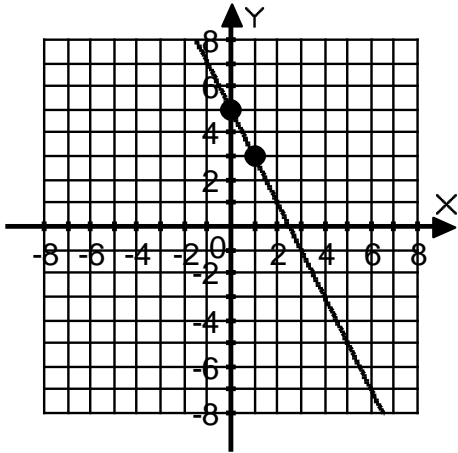Graph the following equations.

4) $y = -2x - 3$

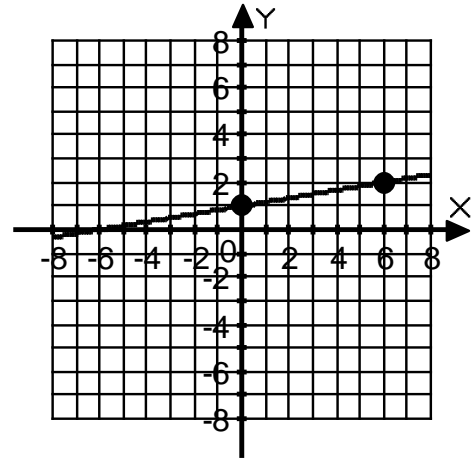5) $y = 3x + 2$

6) $y = \dfrac{1}{3}x + 4$
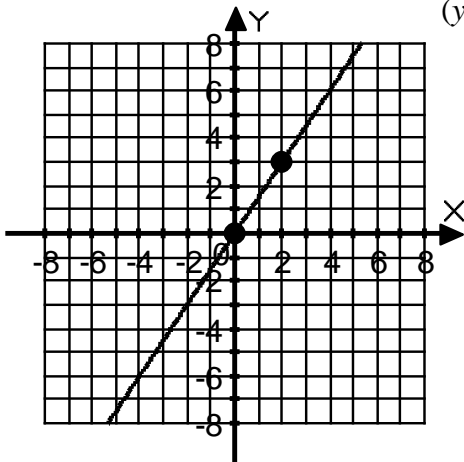

7) $y = -2x$ (*y*-intercept $= 0$ and $y = -2x + 0$)

8) $\quad 4x + 2y = 10 \longrightarrow y = -2x + 5$

9) $\quad 6y - x = 6 \longrightarrow y = \dfrac{1}{6}x + 1$

10) $\quad 2y - 3x = 0 \longrightarrow y = \dfrac{3}{2}x$

(y-intercept = 0 and $y = \dfrac{3}{2}x + 0$)

11) $\quad 5x - 4y = 12 \longrightarrow y = \dfrac{5}{4}x - 3$