

Lesson 2.6 ~ Input-Output Tables from Equations

Name _____ Period _____ Date _____

Determine the slope and y-intercept of the given equations.

1. $y = \frac{3}{4}x + 7$ slope: _____ y-intercept: _____

2. $y = 8 + 5x$ slope: _____ y-intercept: _____

3. $y = -2x$ slope: _____ y-intercept: _____

4. $y = 12$ slope: _____ y-intercept: _____

Complete the input-output tables for each equation.

5. $y = 3x + 4$

x	$y = 3x + 4$	y
0		
1		
2		
3		
4		

6. $y = \frac{1}{2}x - 1$

x	$y = \frac{1}{2}x - 1$	y
-2		
1		
4		
6		
9		

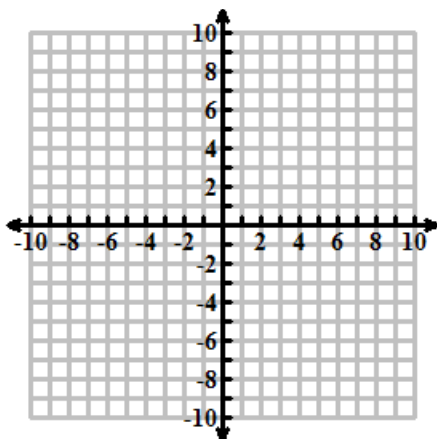
7. $y = 5 - 2x$

x	$y = 5 - 2x$	y
0		
1		
2		
3		
4		

Fill in each table with any five pairs of values that satisfy the slope-intercept equation. Graph the ordered pairs on the coordinate planes below.

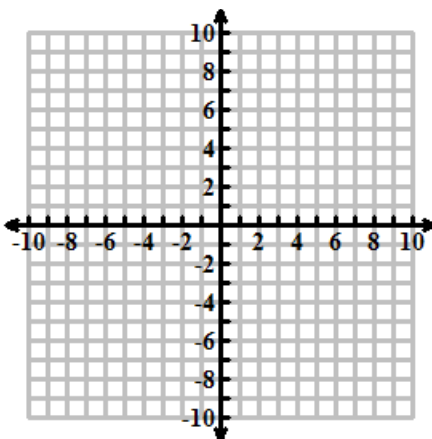
8. $y = 2x + 6$

x	y



9. $y = 1 + x$

x	y



10. $y = \frac{1}{3}x$

x	y

