

FG 1 Review

Name:

Class:

Period:

What is the slope of the following functions?

$$y = 5x + 2$$

$$y = -3x + 4$$

$$y = -5/3x -$$

What is the y-intercept of the following functions?

$$y = 7x - 10$$

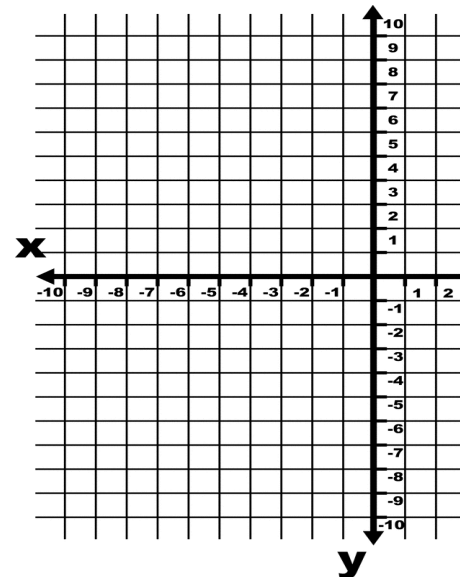
$$y = 2/3x + 8$$

$$y = -9x$$

Create an input/output table for the following functions and then graph the functions
For Input values, use -2, -1, 0, 1, and 2 for all functions.

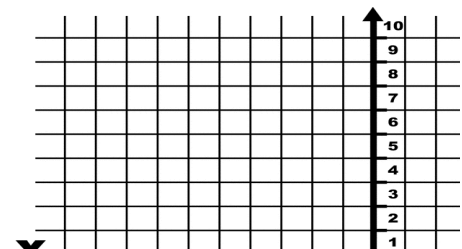
$$y = -3x + 3$$

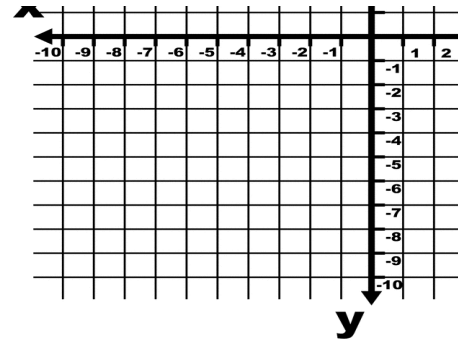
Input	Output



$$y = x - 2$$

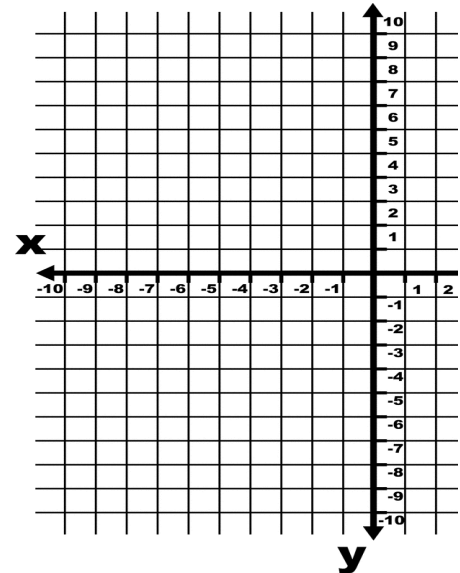
Input	Output





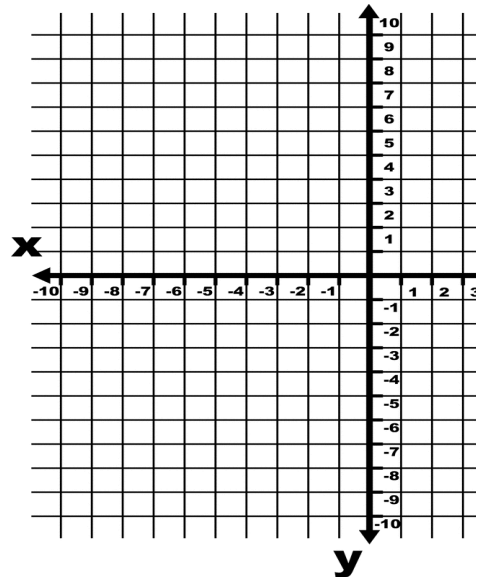
$$y = \frac{2}{3}x + 1$$

Input	Output



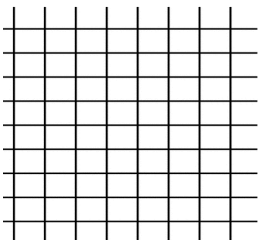
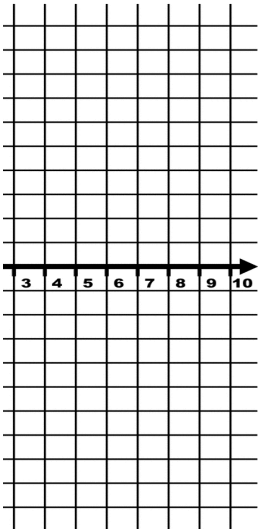
Graph without using an input/output table.

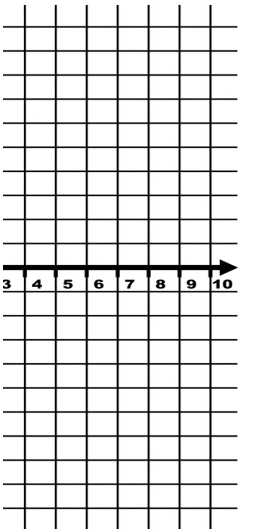
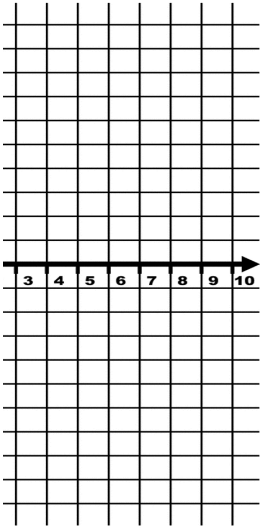
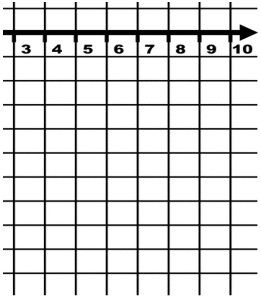
$$y = 2x + 2$$



Create your own linear function with a slope and y-intercept ($y = mx + b$). State what the slope and y-intercept of your function are. Then, graph your function without using an input/output table.

7





intercept

