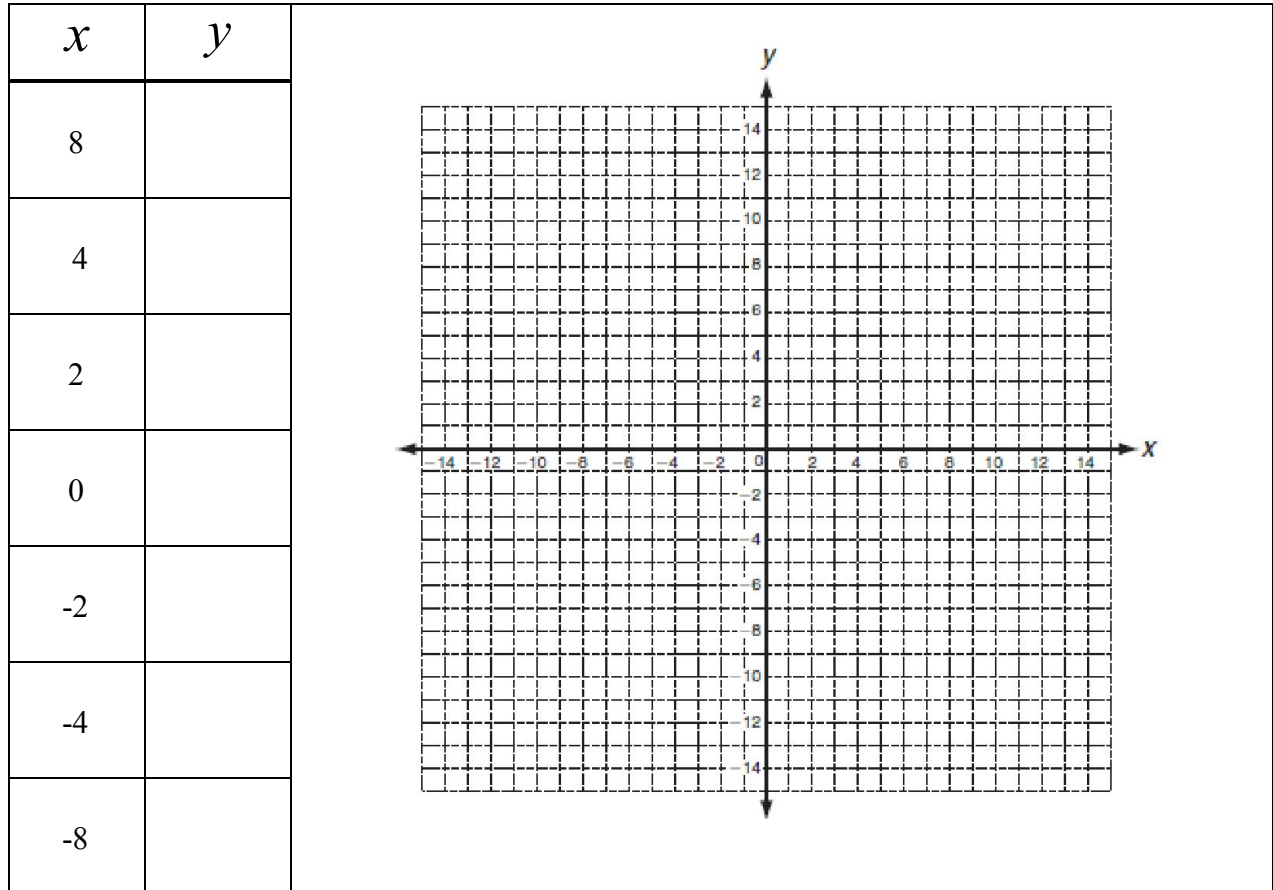


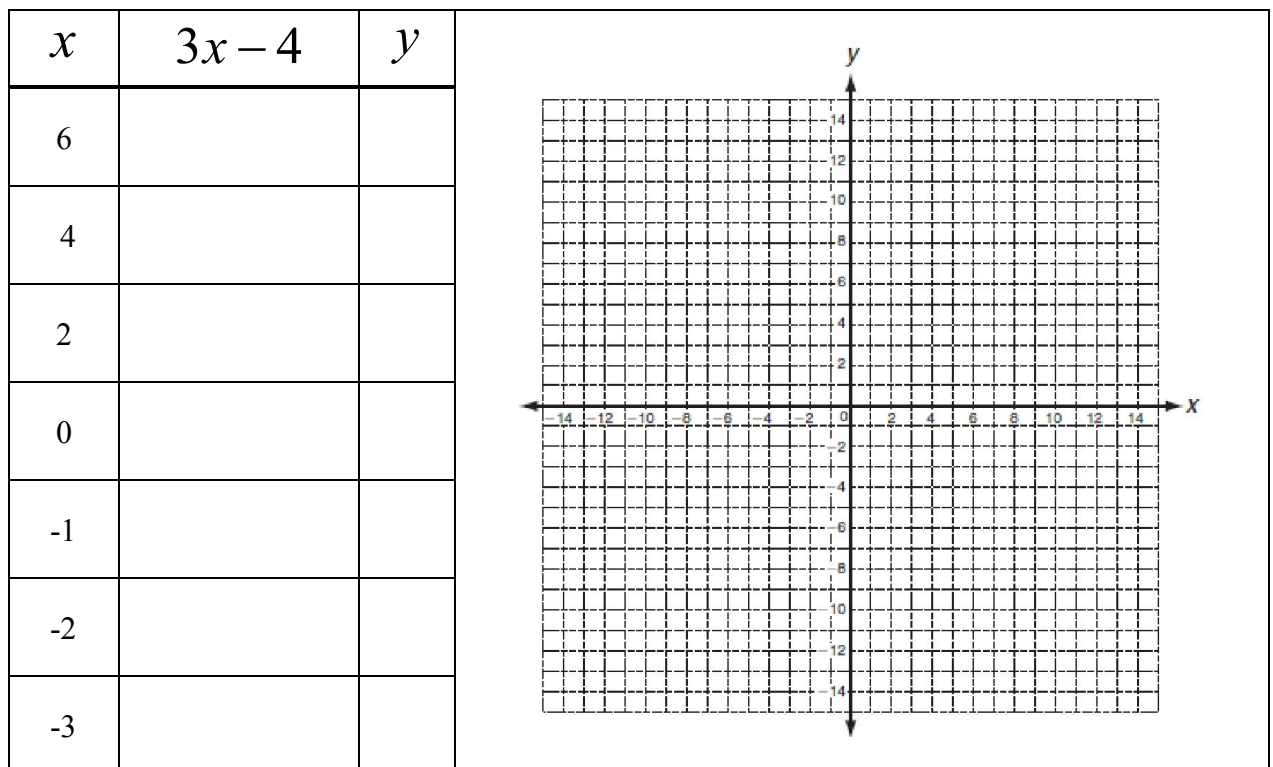
## Linear Function Worksheet

Complete the table for each linear function, and then graph the line.

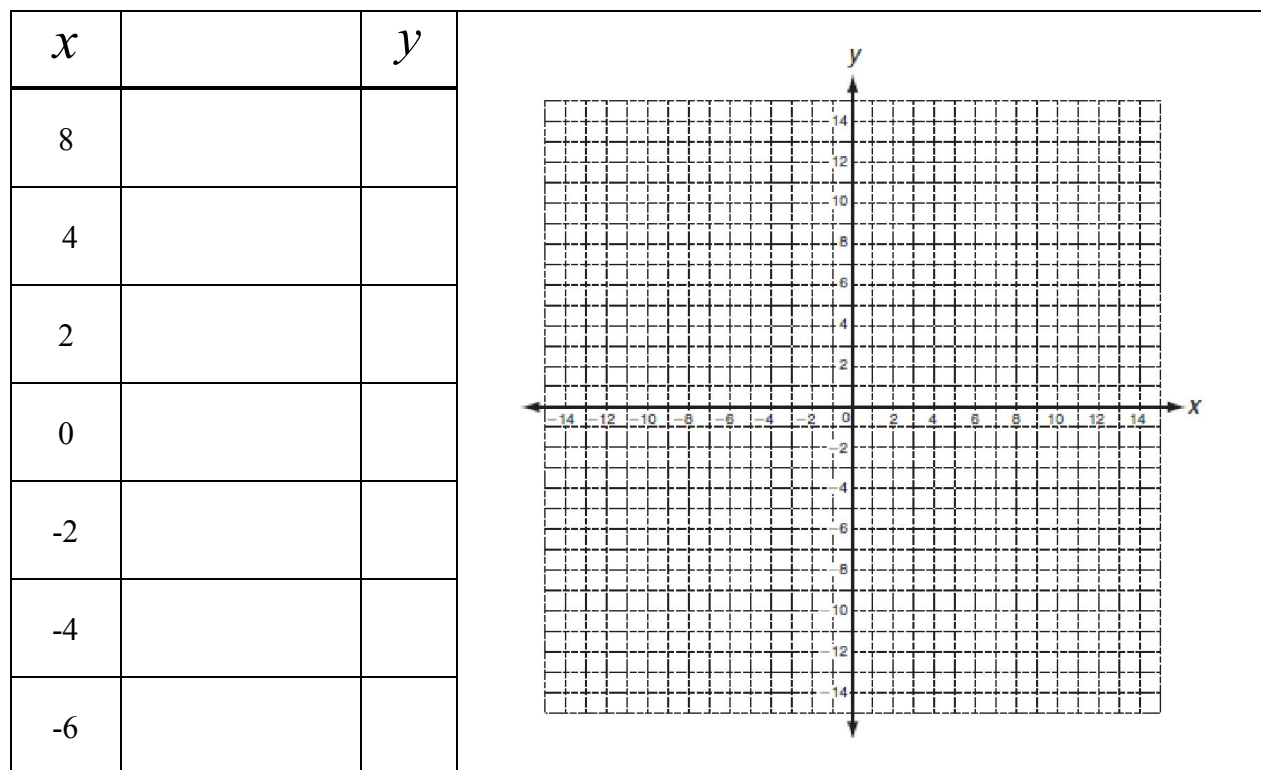
A.)  $y = x$



B.)  $y = 3x - 4$



c.)  $y = -2x + 3$



1. At what value does each graph cross the y-axis?

Graph A: \_\_\_\_\_ Graph B: \_\_\_\_\_ Graph C: \_\_\_\_\_

2. Do you see this “y-intercept” value in each corresponding equation?

3. If so, where?

4. As you move left to right on each of the graphs, how does the steepness of each line behave?

Graph A: \_\_\_\_\_ Graph B: \_\_\_\_\_ Graph C: \_\_\_\_\_

5. Which value on each equation do you think affects the “slope” of each line?

6. What is the slope of each graph?

Graph A: \_\_\_\_\_ Graph B: \_\_\_\_\_ Graph C: \_\_\_\_\_

7. Identify the slope and y-intercept of:  $y = mx + b$  .