Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_

**Graph Linear Equations Using the slope and *y*-intercept**

Identify the slope and *y*-intercept for each equation. Remember to write the *y*-intercept as an ordered pair (0, *b*). Use the *y*-intercept and the slope to graph **two** equations on each grid. Write the equation on each line.

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

slope (m) = \_\_\_\_\_\_\_\_\_ slope (m) = \_\_\_\_\_\_\_\_\_

*y*-intercept = \_\_\_\_\_\_\_\_\_\_ *y*-intercept = \_\_\_\_\_\_\_\_\_\_

3. $y = \frac{3}{4}x- 1 $ 4. $y= \frac{2}{3}x+1$

slope (m) = \_\_\_\_\_\_\_\_\_ slope (m) = \_\_\_\_\_\_\_\_\_

*y*-intercept = \_\_\_\_\_\_\_\_\_\_ *y*-intercept = \_\_\_\_\_\_\_\_\_\_

5. $y = \frac{4}{5}x+1$ 6. $y= -\frac{1}{2}x-2$

slope (m) = \_\_\_\_\_\_\_\_\_ slope (m) = \_\_\_\_\_\_\_\_\_

*y*-intercept = \_\_\_\_\_\_\_\_\_\_ *y*-intercept = \_\_\_\_\_\_\_\_\_\_

**Write Linear Equations Using the slope and *y*-intercept**

7. 8.

 

slope (m) = \_\_\_\_\_\_\_\_\_ slope (m) = \_\_\_\_\_\_\_\_\_

*y*-intercept = \_\_\_\_\_\_\_\_\_\_ *y*-intercept = \_\_\_\_\_\_\_\_\_\_

equation = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ equation = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. 10.

 

slope (m) = \_\_\_\_\_\_\_\_\_ slope (m) = \_\_\_\_\_\_\_\_\_

*y*-intercept = \_\_\_\_\_\_\_\_\_\_ *y*-intercept = \_\_\_\_\_\_\_\_\_\_

equation = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ equation = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11. 12.

 

slope (m) = \_\_\_\_\_\_\_\_\_ slope (m) = \_\_\_\_\_\_\_\_\_

*y*-intercept = \_\_\_\_\_\_\_\_\_\_ *y*-intercept = \_\_\_\_\_\_\_\_\_\_

equation = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ equation = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13. 14.

 

slope (m) = \_\_\_\_\_\_\_\_\_ slope (m) = \_\_\_\_\_\_\_\_\_

*y*-intercept = \_\_\_\_\_\_\_\_\_\_ *y*-intercept = \_\_\_\_\_\_\_\_\_\_

equation = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ equation = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15. 16.

 

slope (m) = \_\_\_\_\_\_\_\_\_ slope (m) = \_\_\_\_\_\_\_\_\_

*y*-intercept = \_\_\_\_\_\_\_\_\_\_ *y*-intercept = \_\_\_\_\_\_\_ *x*-intercept: \_\_\_\_\_\_

equation = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ equation = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17. 18.

 

slope (m) = \_\_\_\_\_\_\_\_\_ slope (m) = \_\_\_\_\_\_\_\_\_

*y*-intercept = \_\_\_\_\_\_\_ *x*-intercept: \_\_\_\_\_\_\_\_ *y*-intercept = \_\_\_\_\_\_\_\_\_\_

equation = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ equation = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_