

Writing Equations from Graphs

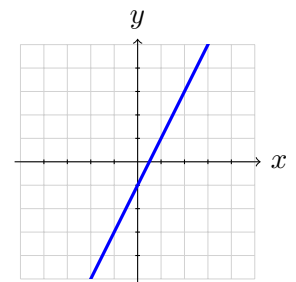
Name: _____ Date: _____ Directions: Show your

work clearly and check each answer when possible.

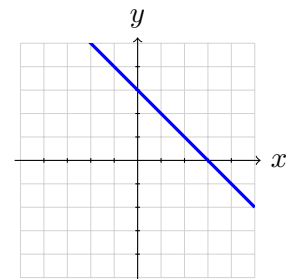
Part A: Positive and Negative Slopes

Use two clear points to find the slope, then identify the y-intercept.

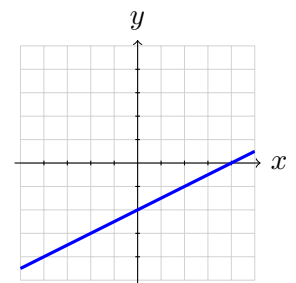
1. Write the equation in slope-intercept form.



2. Write the equation in slope-intercept form.



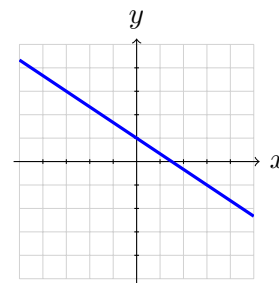
3. Write the equation in slope-intercept form.



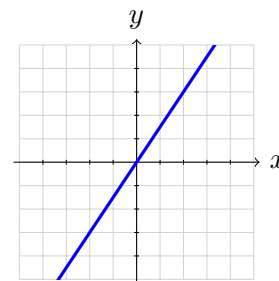
Part B: Fractional Slopes

Write each equation in slope-intercept form.

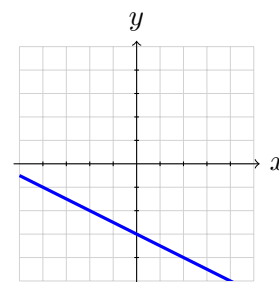
4. Write the equation in slope-intercept form.



5. Write the equation in slope-intercept form.



6. Write the equation in slope-intercept form.



Writing Equations from Graphs – Answer Key

Equivalent algebraic forms are acceptable.

1. $y = 2x - 1$

2. $y = -x + 3$

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

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

5. $y = \frac{3}{2}x$

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