

MasterMath

Name _____

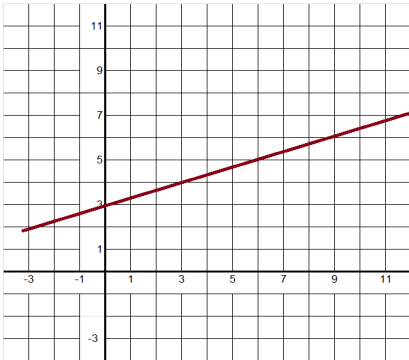
Equations in Slope-Intercept Form

Date _____

1. The slope of a straight line is $\frac{4}{5}$. The y intercept of the line is -8. What is the equation that the line represents?

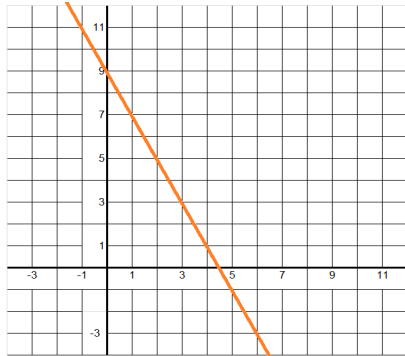
$$y = \frac{4}{5}x - 8$$

2. What equation in slope-intercept form does this line represent?



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

3. What equation in slope-intercept form does this line represent?

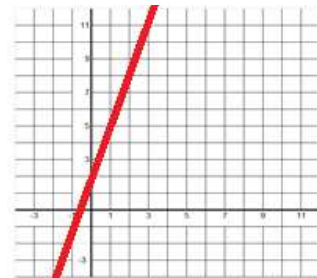


$$y = -2x + 9$$

4. These two points are on a straight line: (0, 6), (8, 22). What equation is represented by the straight line?

$$y = 2x + 6$$

5. Draw a line that represents this equation: $y = 3x + 2$



6. Find the equation that includes these points: (4, 2), (0, 12)

$$y = -2.5x + 12$$