

AA Check Up – Sections 5.1 & 5.3

Name: _____

1. What is the formula for slope?

2. How do we label our points?

In questions 3 – 6, Find the slope, using the formula.

3. (3, 2) (5, 6)

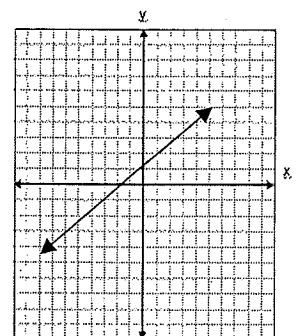
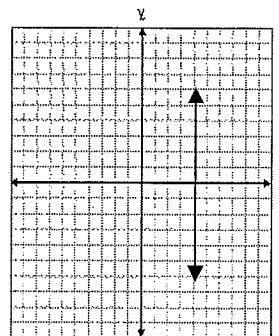
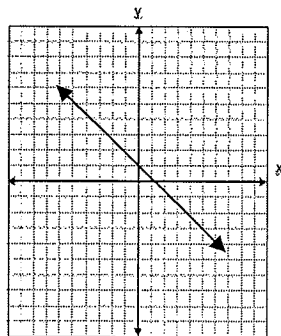
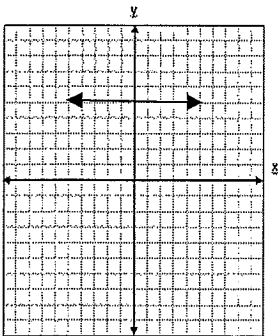
4. (0, -1) (1, -6)

5. (3, 4) (-3, 4)

6. (7, -9) (7, 4)

7. What is the slope of a vertical line?

8. Label the slope of each line as positive, negative, zero, or undefined.



9. What is slope intercept form?

What does the m represent?

What does the b represent?

10. Identify the slope and the y-intercept from the following equation: $y = \frac{2}{3}x + 1$

slope =

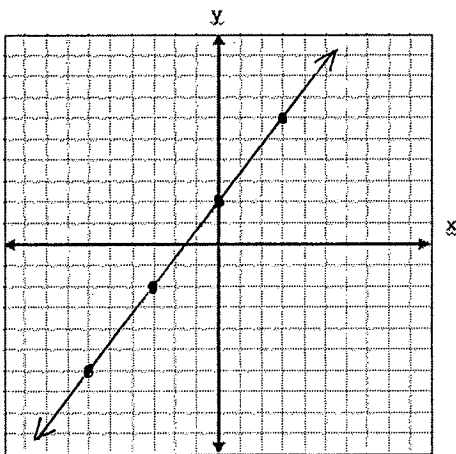
y-intercept =

11. Write in slope-intercept form, given the following information:

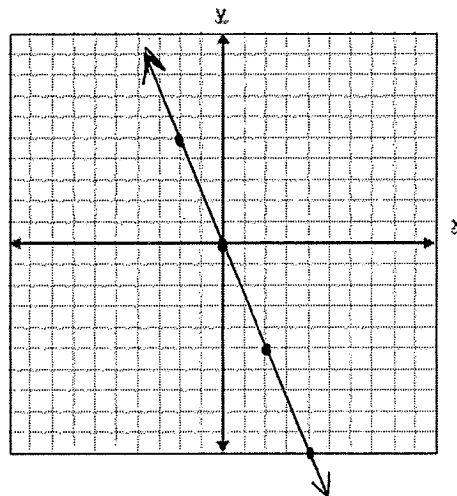
$m = \frac{2}{9}$ and y-intercept is -3

12 & 13, Write the equation of the line in slope-intercept form.

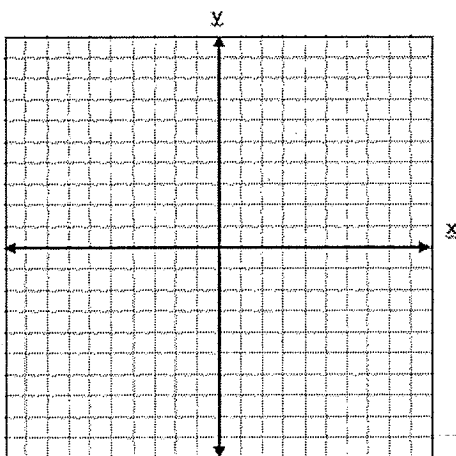
12. Eq: _____



13. Eq: _____



14. Graph the equation: $y = -2x + 6$



15. Graph the equation: $y = x$

