

Name: _____

Class: _____

M8-U4: HW #4 – y -intercept & Slope Intercept Form Date: _____

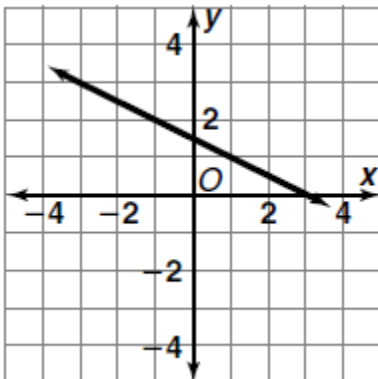
1. Use the tables to find the y -intercept:

x	y
0	0
2	8
4	16
6	24

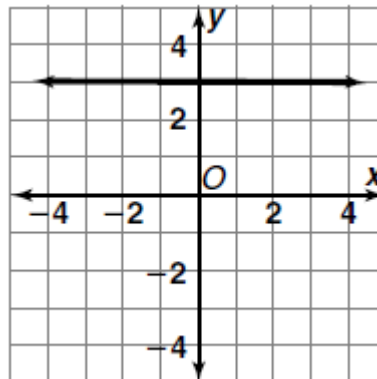
x	y
3	6
6	0
9	-6
12	-12

Use the graphs to determine each y -intercept.

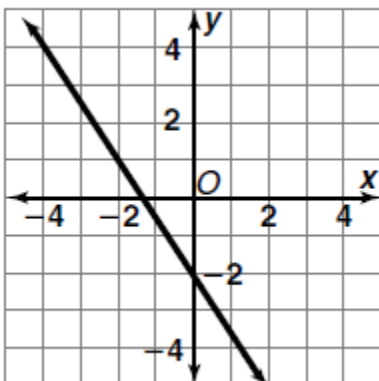
2.



3.



4.



Find the slope and y-intercept of the line represented by each equation:

5. $y = 6x + 3$ slope _____ y-intercept _____

6. $y = -5x - 4$ slope _____ y-intercept _____

7. $y = 7 - 9x$ slope _____ y-intercept _____

8. $y = -13x$ slope _____ y-intercept _____

9. $y = 8$ slope _____ y-intercept _____

Use the given information to write a linear equation in slope-intercept form:

10. Slope is -2 and the y-intercept is -6 . _____

11. Slope is $\frac{3}{7}$ and the y-intercept is -1 . _____

12. $m = -8$ and $b = 11$. _____

13. $m = 0$ and $b = -5$. _____

14. $m = -11$ and the y-intercept is $(0, 13)$. _____

15. Slope is $\frac{4}{3}$ and $b = 0$ _____