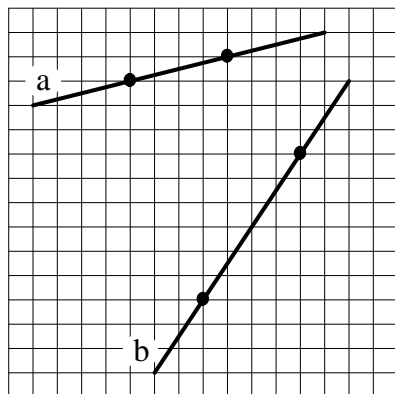


Algebra I Class Worksheet #4 Unit 6 page 1

Find the slope of each line.

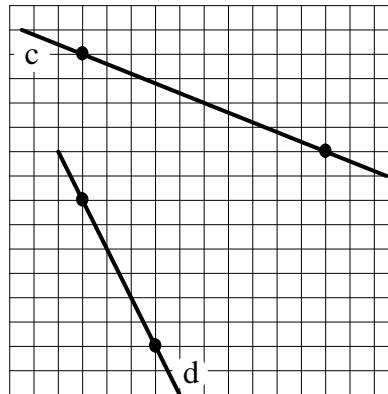
1. Line a : $m =$

Line b : $m =$



1. Line c : $m =$

Line d : $m =$



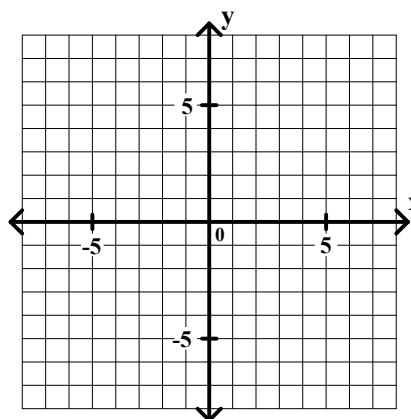
Graph each equation. Then find the slope of the line.

3. $y = 2x + 1$; $m =$

x	y
-2	
-1	
0	
1	
2	

4. $y = -3x + 2$; $m =$

x	y
-2	
-1	
0	
1	
2	

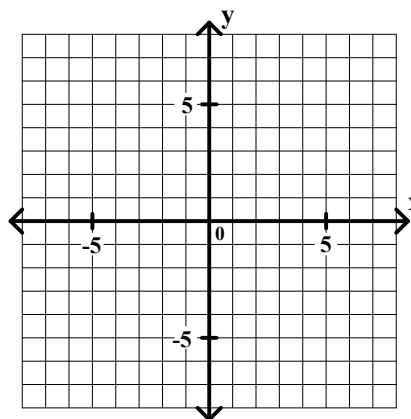


5. $y = \frac{1}{2}x - 3$; $m =$

x	y
-4	
-2	
0	
2	
4	

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

x	y
-6	
-3	
0	
3	
6	



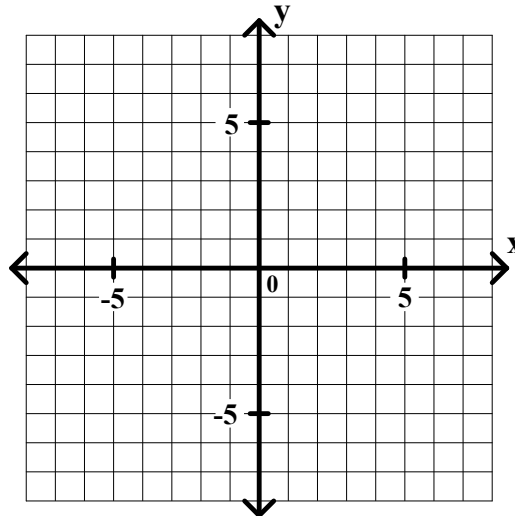
Algebra I Class Worksheet #4 Unit 6 page 2

For each of the following equations, (a) give the slope, (b) give the y-intercept, and (c) graph the equation. Label each graph with its equation.

7. $y = 2x - 1$

slope:

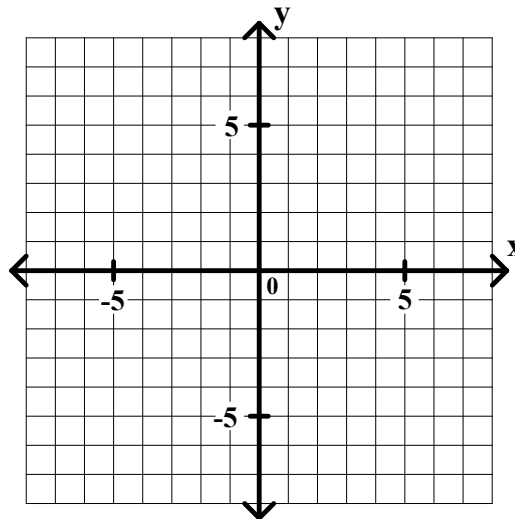
y-intercept:



8. $y = -3x + 1$

slope:

y-intercept:



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

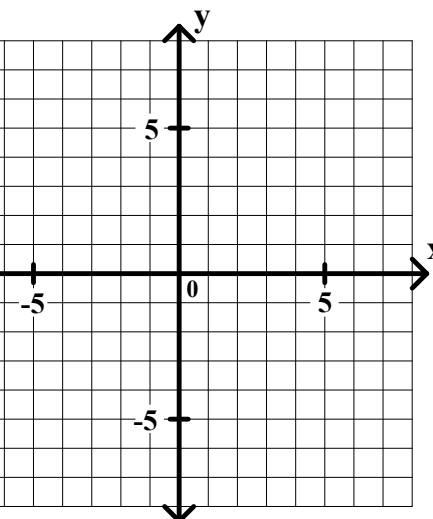
slope:

y-intercept:

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

slope:

y-intercept:



Graph the following equations. Label each graph with its equation.

11. $y = 3$

12. $y = -5$

13. $x = 4$

14. $x = -7$