

BEGINNING ALGEBRA
CHAPTER 3 Practice for the TEST

NAME _____
TIME _____

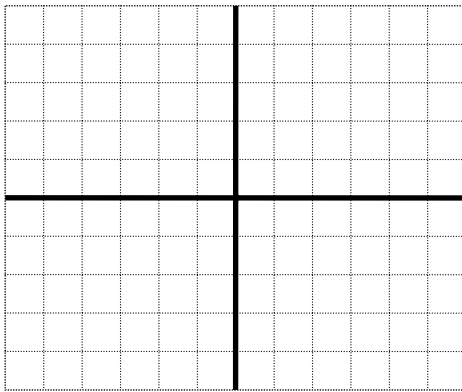
1. Determine whether or not the point $(-5, 4)$ satisfies the linear equation $4x + y = -12$.

6. Find the slope and the y-intercept point of the line from the equation $3x + 2y = 6$.

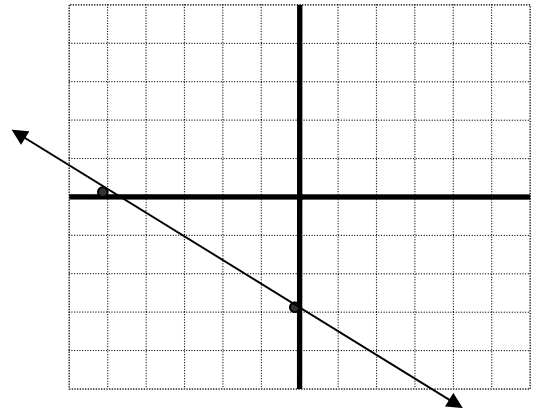
1. Complete the table for $3x - y = 9$

X	Y
	0
	-3
5	
-4	

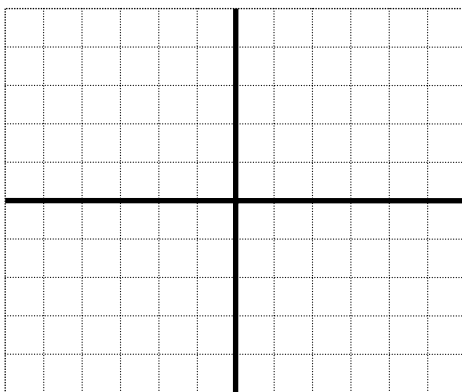
3. Graph $5x + 2y = 8$.



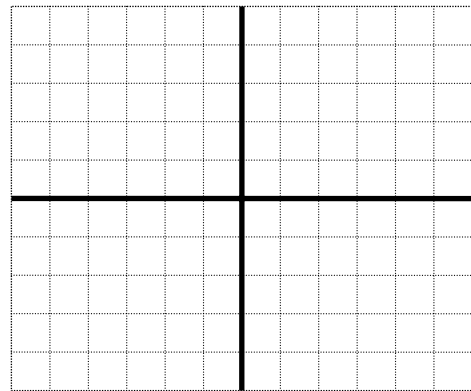
7. Find the slope and the y-intercept point and write the equation of the line in the graph below.



4. Find the x-intercept pt. and the y-intercept point and graph $3x - 4y = -12$.

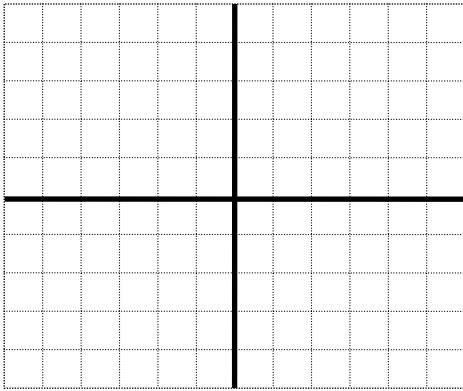


8. Graph the equation $x = -4$.

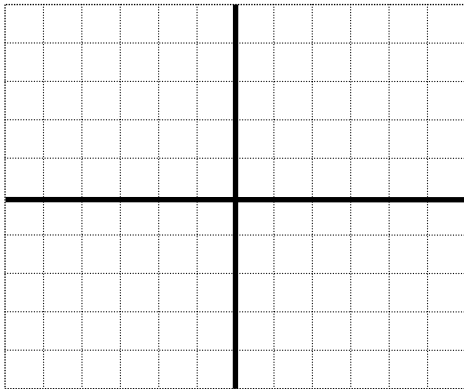


5. Find the slope of the line through the points $(4, 2)$ and $(2, -7)$.

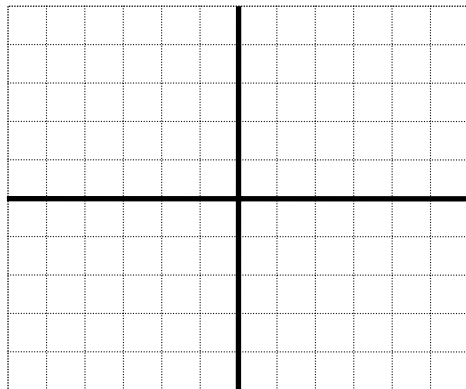
9. Graph the linear equation $y = -1$.



10. Graph the linear equation
 $4x + 3y = 12$.



11. Graph the line with a slope of $-2/7$
through the point $(-4, 3)$



12. Write the equation of a line with the
slope of -2 through the point $(-3, -1)$ in
slope-intercept form.

13. Write the equation of a line through the
points $(-3, 5)$ and $(3, 1)$ in slope-intercept
form.

Answer

1. No	9.	
2. $(3, 0), (2, -3),$ $(5, 6), (-4, -21)$	10.	
3.		11.
4.		
5. $m = 9/2$	12. $y = -2x - 7$	
6. $m = -3/2$	13. $y = -2/3x + 3$	
7. Point = $(0, -3);$ $m = -3/5;$ eq: $y = -3/5x - 3$		
8.		