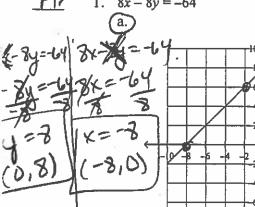
Chapter 6A Practice Test Sections 6.1, 6.2, 6.4, 6.5

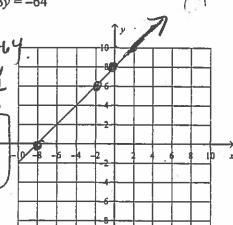
Multiple Choice

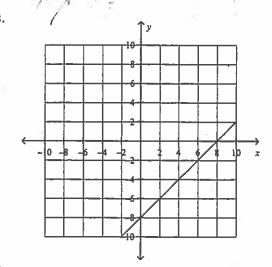
Identify the choice that best completes the statement on answers the question.

Match the equation with its graph.

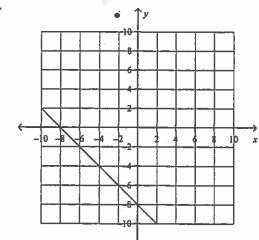
 $1. \ 8x - 8y = -64$

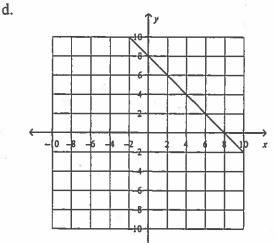






Ъ.





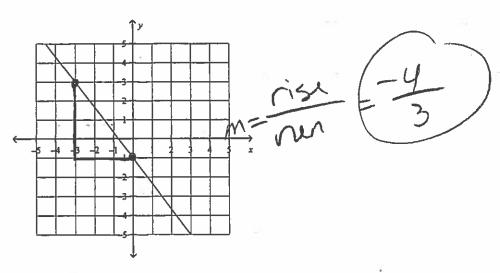
OR

Charge to Slope-Int: y= mx+b

- 8x - 8y = -64

1y=1x+8

2.



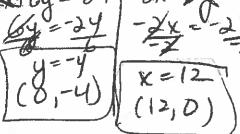
Find the slope and y-intercept of the line

3.
$$8x + 4y = -76$$
 $-8x - 8x - 8x - 76$

Slope =
$$\frac{-2}{-19}$$

y-intercept = $\frac{-19}{-19}$

4.
$$-2x + 6y = -24$$

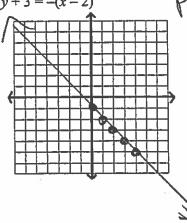


$$x = 12$$

$$y = -4$$

Graph the equation.

5.
$$y+3=-(x-2)$$



Write an equation in point-slope form for the line through the given point with the given slope.

6. (2, -3); $m = \frac{4}{5}$

$y-y_1=m_1(x-x_1)$ y-(-3)=5(x-2)	
y+3=4 (x-2)	
(or clone) is constantin	

7. The rate of change (or slope) is constant in the table. Find the rate of change. Explain what it means for the situation.

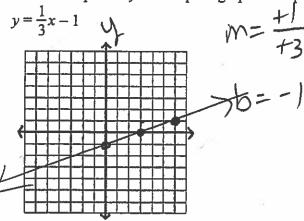
	Time (hours)	Distance (miles)
L7 /	4	204
7 - 7	6	306
27/2	8	408
x2(10	510

8. Find the slope of the line that passes through the pair of points. (-2, 8), (8, -1)

- 9. Write an equation of a line with the given slope and y-intercept. m = -3, b = 610. Find the slope and y-intercept of the line.
- 10. Find the slope and y-intercept of the line.

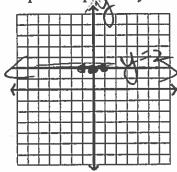
y-intercept:

11. Use the slope and y-intercept to graph the equation.

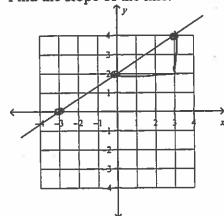


12. A student finds the slope of the line between (11, 19) and (16, 14). She writes $\frac{19-14}{16-11}$. What mistake did she make? $M = \frac{14-19}{10-11}$ Switched the order of the y's

13. Graph the equation. y = 2

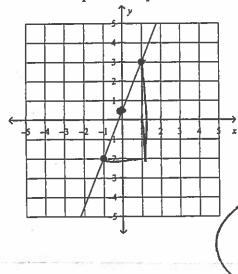


14. Find the slope of the line.



$$m = \frac{risi}{run} \left(\frac{+2}{-3} \right)$$

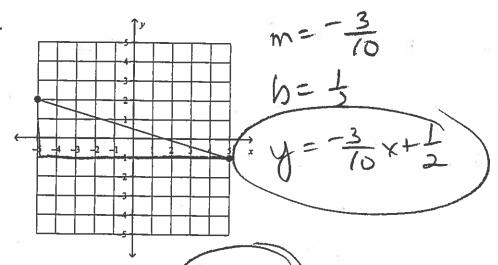
15. Write the slope-intercept form of the equation for the line.



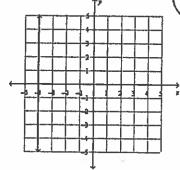
solution for the line.
$$+5$$
 5
 1

Write the slope-intercept form of the equation for the line.

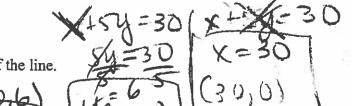
16.



17. State whether the slope is 0 or undefined.



Vert Linus > 5 lope is undefined (for. Linus >> 5 lope = 0



18. Find the x- and y-intercept of the line.

19. Write an equation in point-slope form for the line through the given point with the given slope.

