

MasterMath

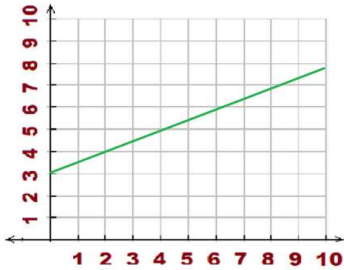
Graphing Linear Equations in Slope-Intercept Form

Name _____

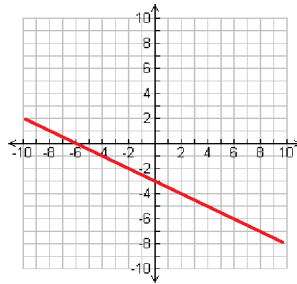
Date _____

Match the equation with its graph:

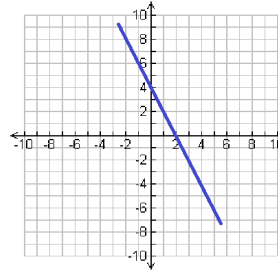
A



B



C



1. $y = -1/2x - 3$

B

2. $y = 1/2x + 3$

A

3. $y + 2x = 4$

C

Find the slope and the y intercept for the graph of these linear equations

4. $y = 2x + 4$

5. $2y = 3x - 6$

6. $y = .35x + 26$

7. $x + 2y = 8$

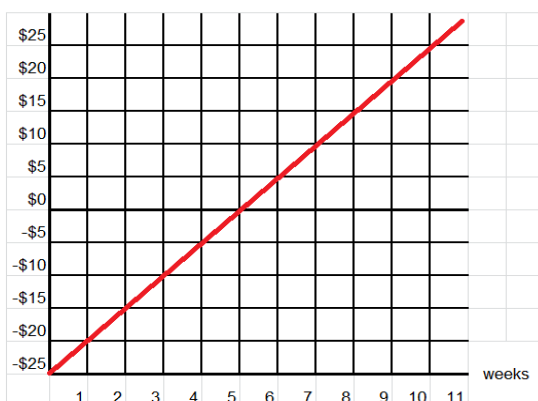
8. $x = 2y + 3$

slope	y
2	4
1.5	-3
.35	26
-.5	4
.5	-1.5

9. You owe your father \$25, and promise to save \$5 per week ("w" or "x") in the future, so you don't have to borrow more money ("M" or "y") from him. Write an equation that shows how much money you have after each week. Don't forget, you have to pay your Dad back.

$y = 5x - 25$

10. Graph the equation you created in Questions 9.



This looks like a slope of one because along the y axis an increase of one grid equals 25, and along the x axis an increase of one grid equals 1.