Name: _____   Date: _____   Period: _____

Identify the slope and y-intercept for the following equations.

Equation	Slope (m)	Y-Intercept (b)		Equation	Slope (m)	Y-Intercept (b)
1. $y = 2x + 3$			6.	$y = \frac{1}{2}x - 1$		
2. $y = 2x - 5$			7.	$y = \frac{3}{2}x$		
3. $y = 2x$			8.	$y = \frac{1}{3}x$		
4. $y = x - 2$			9.	$y = 3x$		
5. $y = 2x - 2$			10.	$y = 5x$		

` ` `

Put the following equations in standard form (y = mx + b) and identify the slope (m) and y-intercept (b).

Equation	Slope (m)	Y-Intercept (b)		Equation	Slope (m)	Y-Intercept (b)
11. $y - 2 = 3x$			12.	$y - 2x = 8$		
13. $3y - 15 = -4x$			14.	$3x + y = 4$		
15. $-4y = 3x$			16.	$2y = 4x + 6$		
17. $y = -2x$			18.	$3y = 4x + 9$		
19. $3y - 2x = 6$			20.	$4x - y = 3$		

Graph mb #3