

Name:

Date:

Period:

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

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

Put the following equations in standard form ($y = mx + b$)	Slope (m)	Y-Intercept (b)	Put the following equations in standard form ($y = mx + b$)	Slope (m)	Y-Intercept (b)
1. $3x + y = 7$			9. $x + 2y = 8$		
2. $y - x = 7$			10. $2y + 4x = 12$		
3. $6x = y + 2$			11. $2x - 2y + 10 = 0$		
4. $x + y = 7$			12. $3x + y = 2$		
5. $4x - y = 2$			13. $3x + 3y = 12$		
6. $2x - 4y = 12$			14. $9y - 3x = 18$		
7. $2x + y = 8$			15. $3x - 4y = 12$		
8. $y - 4x = 9$			16. $4x + 2y = 12$		