

**Standard to Slope-Intercept Form Notes**

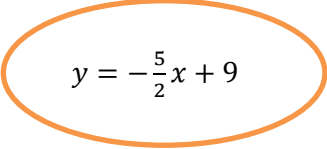
Name \_\_\_\_\_ Date \_\_\_\_\_

***Objective:*** Given an equation in standard form use properties of equality to rewrite in slope-intercept form, then graph. (Use graphs on the back)

$$\begin{array}{r} 1. \quad 5x + 2y = 18 \\ \underline{-5x} \quad \underline{-5x} \end{array} \quad \text{Subtraction property of equality}$$

$$2. \quad 4x + 3y = 9$$

$$\frac{2y}{2} = \frac{-5x + 18}{2} \quad \text{Division property of equality}$$


$$y = -\frac{5}{2}x + 9$$

$$3. \quad x + 3y = -6$$

$$4. \quad 2x - 5y = 20$$

$$5. \quad x - 6y = 6$$

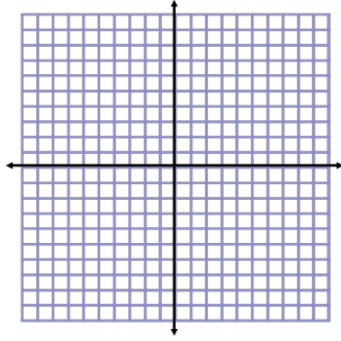
$$6. \quad 8x - 2y = 10$$

$$7. \quad y = -3$$

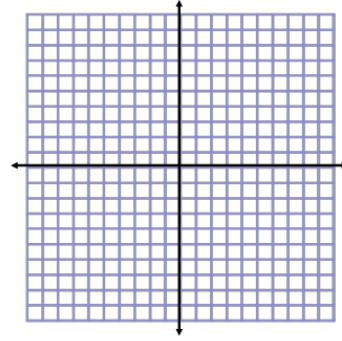
$$8. \quad x = 5$$

# Standard to Slope-Intercept Form Notes

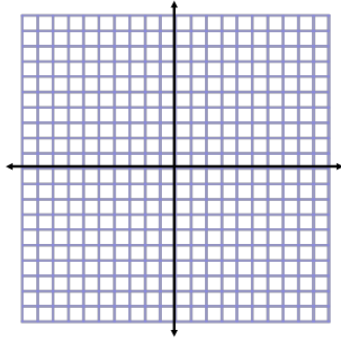
1.



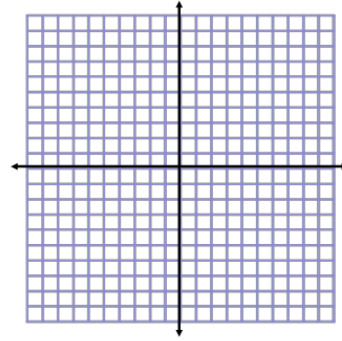
2.



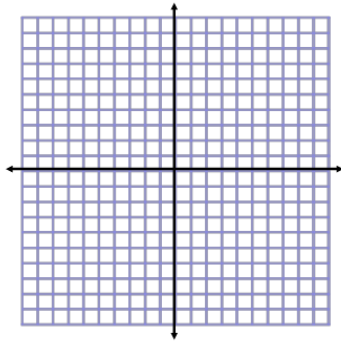
3.



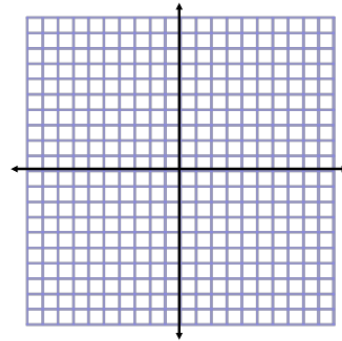
4.



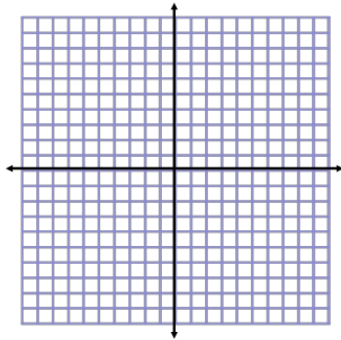
5.



6.



7.



8.

