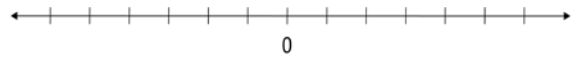


NAME: _____ PERIOD: _____ DATE: _____

Part A: Solve for each equation or inequality. Where indicated, graph the solution.

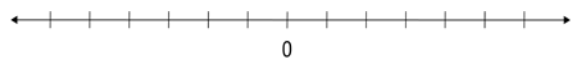
1. $x + 5 < 6$

Graph:



2. $-1 < x + 2 \leq 4$

Graph:



3. $5x - 3 = 18$

4. $\frac{12+6y}{8} = y$

5. $-3x - 3 \leq 6$

Graph:



6. $6 - (2x - 3) \leq x$

7. $2(3 - n) = n$

8. $8x + 4(1 - x) = 4(2x + 1)$

9. $|5 - 2x| = 10$

10. $6 + |2 - p| \leq 7$

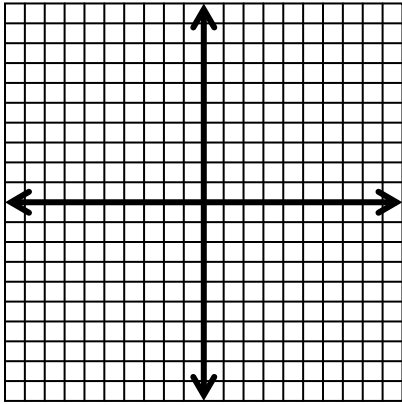
Graph:



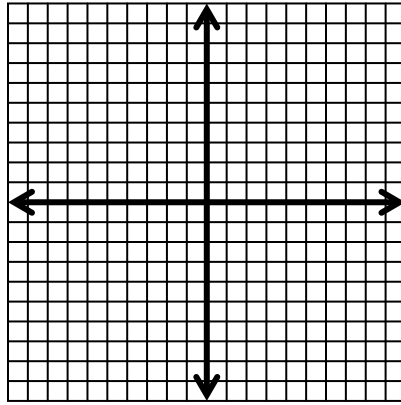
$$11. \frac{2}{5}x - \frac{3}{10}x = 3$$

Part B: Graph the following linear equations.

$$12. y = -\frac{3}{2}x + 2$$



$$13. -5x - y = 1$$



Part C: Write the equation of the line in **Slope-Intercept Form**.

$$14. \text{Slope} = -3; Y\text{-Intercept} = 2$$

$$15. \text{Slope} = 0; \text{Point}(-3, -2)$$

$$16. \text{Point}(-2, 0); \text{Point}(2, -2)$$

$$17. Y\text{-Intercept} = 3; X\text{-Intercept} = 2$$

Part D: Solve the Systems.

$$18. \begin{cases} 7x + 2y = 10 \\ -7x + y = -16 \end{cases}$$

$$19. \begin{cases} \frac{6}{x} - \frac{4}{y} = -4 \\ \frac{3}{x} + \frac{8}{y} = 3 \end{cases}$$
