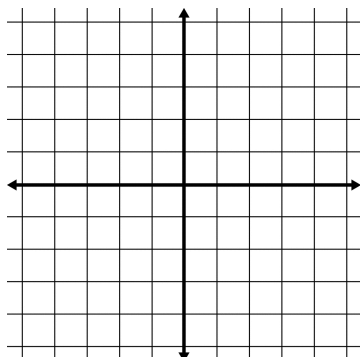Name: _____          Date: _____

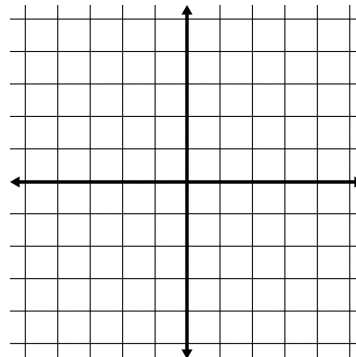**HW # 22a:** Algebra 1 - Standard 11 - Slope Intercept Form                    5 points

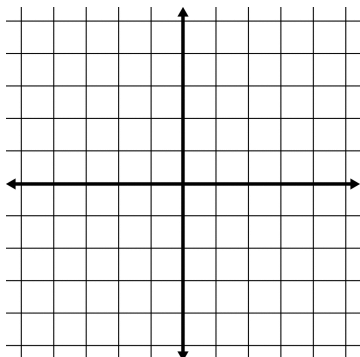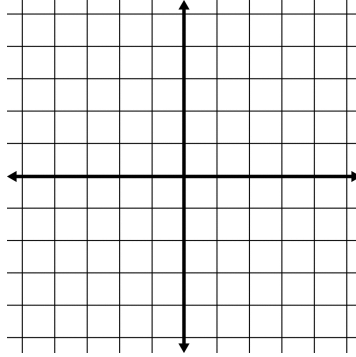Write each function in slope intercept form. Then graph the function

**23.** $5x + 2y = 8$

**24.** $4x + 9y = 27$

**27.** $21 = 7y$

**28.** $3y - 6 = 2x$

**30. CAR CARE** Suppose regular gasoline costs $2.76 per gallon. You can purchase a car wash at the gas station for $3.

   **a.** Write an equation in slope-intercept form for the total cost $y$ of purchasing a car wash and $x$ gallons of gasoline.

   **b.** Graph the function.

   **c.** Find the cost of purchasing a car wash and 8 gallons of gasoline.

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