

Name _____

Date _____ Hour _____

Algebra 2 & Trig.

Problem of the week- Due 09-12-2008

Directions: Print out this page and answer the following questions directly on that sheet of paper.

1. (1 point) State the slope and y-intercept of the given equation: $5x + 2y = 12$

2. (1 point) Write the equation for the point-slope form of a line.

3. (2 points) Write the equation of a line that has a slope of $\frac{1}{2}$ and passes through the point $(-4, 3)$.

4. (3 points) Write the equation of a line that passes through the points $(-3, -3)$ and $(3, -1)$.

5. (1 point) What are scatter plots and best fit lines used for?

6. (1 point) Draw an example of a scatter plot with a negative correlation.

7. (1 point) What shape do absolute value equations have?