

Name _____

Date _____ Hour _____

Algebra 2 & Trig.

Problem of the week- Due 09-05-2008

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

1. (2 points) State the domain and range of: $\{(3, -1), (-2, 5), (3, 0), (2, 1)\}$.

2. (1 point) Is the relation above a function?

3. (2 points) How do you know if a graphed relation is a function?

4. (2 points) Write an example of a linear and a non-linear equation?

5. (1 point) Find the slope between the points $(3, -1)$ and $(1, -7)$.

6. (2 point) State the x and y-intercepts of the equation: $-3x + 2y = -18$