

Name _____

Date _____ Hour _____

Algebra 2 & Trig.

Problem of the week- Due 12-05-2008

Directions: Answer the following problems correctly and earn 10 points. Turn this in early for extra credit!

1. (3 points) Find the LCD only: $\frac{5}{3x+15} + \frac{2x}{x^2+3x-10}$

2. (3 points) Given the following equation: $\frac{8}{2x} - \frac{5+x}{10x} = \frac{9x+9}{5x}$

a. LCD = _____

b. Undefined at _____

c. Solution _____

3. (2 points) Which problems do you cross off the denominator?

4. (2 points) How do you know if a rational equation has no solution?