

Name \_\_\_\_\_

Date \_\_\_\_\_ Hour \_\_\_\_\_

Math Analysis & Trig.  
Problem of the week- Due 09-26-2008

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

1. (1 point) What quadrants are used for cos/sec/cot inverse trigonometric values?
2. (1 point) What quadrants are used for sin/csc/tan inverse trigonometric values?
3. (1 point) Are you allowed to have negative solutions for cos?
4. (1 point) Are you allowed to have negative solutions for sin?
5. (2 points) Name the 5 most commonly used Pythagorean triples for inverse trigonometric expressions.
6. (4 points) Given a trig equation, how do you find amplitude, period, horizontal (phase shift), and vertical shifts? List each part separately.