

Name _____

Date _____ Hour _____

Math Analysis & Trig.
Problem of the week- Due 11-07-2008

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

1. (1 point) Find the wrapping value of: $\frac{5\pi}{6}$.

2. (1 point) Find the wrapping value of: $-\frac{3\pi}{4}$.

3. (3 points) Find the csc, sec, and cot of: $\frac{5\pi}{3}$.

4. (1 point) Solve for x in the interval from 0 to 2 pi, if $\tan x = 1$.

5. (2 point) Find the amplitude, period, horizontal and vertical shifts of: $y = 2 \sin x - 3$.

6. (1 point) Which inverse trig values use quadrants I and IV?

7. (1 point) Find the exact value of $\sin 15^\circ$.