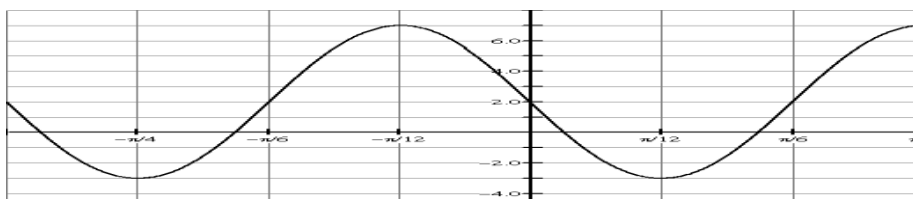


Pre AP Precalculus Assignment Sheet  
 Unit Circle/Graphing Trig Functions

Name \_\_\_\_\_  
 Per \_\_\_\_\_ Date \_\_\_\_\_



Date	By the end of the day I should know ...	Assignments
Friday 9/9	What a unit circle is and how to fill one out.	
Monday 9/12	The definition of unit circle, how to convert from degrees to radians, recall what SOHCAHTOA means.	Evaluating Trig Functions
Tuesday 9/13	Know how to find exact values of the six trig function	Evaluating Trig Functions
Wednesday 9/14	Catch up Day	Transformations of sinusoidal Functions
Thursday 9/15	<u>Practice Unit Circle Quiz</u> How to graph a Sine and Cosine wave.	
Friday 9/16	How to make transformations using a,b,h and k on Sine and Cosine	Transformations of sinusoidal Functions
Monday 9/19	How to graph Sec, Csc, Tan & Cot with transformations	Graphing Trig Functions
Tuesday 9/20	Practice graphing Sec, Csc, Tan & Cot with transformations	Graphing Trig Functions
Wednesday 9/21	Writing an equation given a Trig Function.	Writing Equations from Graphs
Thursday 9/22	Writing an equation given a Trig Function.	Writing Equations from Graphs
Friday 9/23	Review For Test Calculator Test	
Monday 9/26	<b>Calculator Test #1-2</b>	Review
Tuesday 9/27	<b>Review for Non Calc</b>	
Wednesday 9/28	<b>Test #1-2</b>	

This schedule is subject to change.

(P.1) The student defines functions, describes characteristics of functions, and translates among verbal, numerical, graphical, and symbolic representations of functions, including ...trigonometric, ... functions. The student is expected to:

(A) describe parent functions symbolically and graphically, including  $f(x) = x^n$ ,  $f(x) = \ln x$ ,  $f(x) = \log_a x$ ,  $f(x) = 1/x$ ,  $f(x) = e^x$ ,  $f(x) = |x|$ ,  $f(x) = a^x$ ,  $f(x) = \sin x$ ,  $f(x) = \arcsin x$ , etc.;

(B) determine the domain and range of functions using graphs, tables, and symbols;

(D) recognize and use connections among significant values of a function (zeros, maximum values, minimum values, etc.), points on the graph of a function, and the symbolic representation of a function; and