

Name: _____

Period: _____

Chapter 1 Syllabus –Review of Functions

- Do all of your homework problems....Make sure you TRY all of them!
- Check all of your answers.
- After you have checked your answers, ASK questions on the problems you can't figure out.
- BEFORE test get any additional help needed on concepts not mastered.

NP = Not Proficient**P = Proficient****M = Mastery**

Section	Learning Target	Homework Questions	Self-Evaluation		
			NP	P	M
1-1/1-2	<p>I can find the slope of a line.</p> <p>I can write the equation of a line in slope intercept and point slope form.</p> <p>I can find the domain and range of a variety of functions.</p>	<p>pg 9 #6-9, 16, 22, 23, 27, 38, 43, 44</p> <p>pg 19 # 6, 7, 9, 12, 16, 20, 31-34, 41, 46</p>	NP	P	M
1-2	<p>I can find the domain and range of a function.</p> <p>I can classify functions as even, odd, or neither.</p> <p>I can find the composite function involving two functions.</p> <p>I can find the inverse of a function.</p> <p>I understand the graphical relationship between a function and its inverse.</p> <p>I can graph linear, power, absolute value, piecewise, and step functions.</p>	<p>pg 19 # 21–30, 37–40, 50–52, 56</p> <p>Pg 44 # 13, 15, 16, 18, 22</p>	NP	P	M
1-3/1-5	<p>I can use the rules of exponents to simplify an expression.</p> <p>I can use the rules of logarithms to simplify an expression.</p> <p>I can model exponential growth and decay using a function.</p> <p>I can evaluate logarithms.</p> <p>I can solve an exponential equation.</p>	<p>pg 26 # 1, 2, 5, 9, 19, 21, 23, 24, 26, 31, 43-45</p> <p>pg 44 # 33-35, 37, 41, 46, 48, 54-57</p>	NP	P	M

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	I can use the change of base formula.				
1-6	<p>I can create a unit circle and use it to calculate the exact values of any of the 6 trig functions at any of the special angles.</p> <p>I can graph any of the trig functions without the use of a graphing calculator.</p> <p>I can solve trig equations.</p> <p>I understand the relationship between any trig function and its inverse.</p>	<p>pg 52 # 7, 12, 13, 16, 18, 24, 31-36, 52-55</p>	NP	P	M