

Period	Name	
Alg 2 Unit 6 STUDY GUIDE RUBRIC Trigonometry		OK by
Grade Each Topic out of 4		
4- MASTERY Includes All Vocab and Visuals addressed in the topic, An Example, An ORIGINAL example (solved), and a clear understanding of the main idea. It can teach someone else how to do it all		
3- PROFICIENT Includes Most Vocab and Visuals for the topic, an example or an original example clearly and correctly solved. Expresses some understanding of the main idea		
2- BASIC- Includes vocab or visual. Includes example. Shows a basic understanding of the main idea of the topic		
1- BELOW BASIC- Work demonstrated but shows little clarity or understanding of the topic		
Act 31-1	How do you calculate arc length? What is a radian?	/4
Act 31-2	How do you convert degrees to radians and radians to degrees?	/4
Act 32-1	What is the unit circle? Where are degrees and radians on the unit circle? What are reference and coterminal angles?	/4
Act 32-2	What are the 45-45-90 and 30-60-90 triangle relationships? How do those help you find x and y values for the key points on the unit circle?	/4
Act 33	What is the Pythagorean Identity on the unit circle? What are the reciprocal trig identities (csc, sec, cot) and how are they defined?	/4
Act 34-1	What is a periodic function? Define period, amplitude and midline.	/4
Act 34-2 34-5	What do the graphs of sin, cos, and tan look like? What do transformations of those graphs look like? Provide rules and examples.	/4
Act 35	How can a sine function be used to model real life periodic phenomena? Provide examples.	/4
	Subtotal	/32
	Adjusted Total = Total /32*40	/40