

Chapter 6 Trigonometric Identities Self-Assessment

Emerging: I am starting to understand the ideas

Developing: I am understanding many of the ideas but I make errors

Proficient: I have a complete understanding of the skills and concepts

Extending: I am pushing my learning to connect to advanced problems and ideas

Section		Level of comprehension	Assignment Completed
6.1	<ul style="list-style-type: none"> • I can apply reciprocal, quotient and Pythagorean identities to simplify expressions • I can simplify expressions to single trig functions by using common denominators 		
6.2	<ul style="list-style-type: none"> • I can apply double-angle identities to simplify expressions. • I can apply sum, difference, and double-angle identities to simplify expressions to a single trig function and then evaluate using exact values. • I can use a trig function to find x, y, and r. I can then take x, y, and r to evaluate and expression using sum, difference and double angle identities. 		
6.3	<ul style="list-style-type: none"> • I can prove trig identities algebraically <ul style="list-style-type: none"> ➤ I can select the correct identity from the formula sheet ➤ I can show my work in a logical order ➤ I show the angle ➤ I show the steps for getting a common denominator ➤ I can cancel terms appropriately ➤ I show the numerator and denominator of expressions 		
6.4	<ul style="list-style-type: none"> • I can find non-permissible values • I can use identities to simplify a trig equation and then solve over a given domain • I can find a general solution to a trig equation 		

Name: _____

Block: _____

Work Habits	G 100% to 80% of the time	S 80% to 60% of the time	N less than 60% of the time
Assignments completed and handed in on time			
Arrive to class on time			
Return after break on time			
Work on the math assignment during class			
Phone use limited to checking math answer keys posted on the website			
If absent: watching the lesson video or reading the lesson notes			

List four strategies to help you prove an identity.

1. _____

2. _____

3. _____

4. _____
