

# Math 12 Pre-Calculus LG 12

## UNIT 4 REVIEW



### INTRODUCTION:

A review of Learning Guides 10&11.



### LEARNING GUIDE EXPECTATIONS:

On the completion of this learning guide you will be able to:

- LG 10/11:
- 1) Verify reciprocal, quotient, and Pythagorean identities numerically and graphically.
  - 2) Verify sum, difference, and double angle identities numerically and graphically.
  - 3) Prove trig identities algebraically.
  - 4) Solve trig equations using identities.



### EVALUATION:

You are ready to progress to the next learning guide when you can demonstrate your understanding of the above expectations. All students will write the Unit 4 Test which will cover all of the expectations of Learning Guides 10/11.



### RESOURCES NEEDED:



Math 12 Pre-Calc Text



Math 12 Pre-Calc Learning Guides.



[sd42onlinemath.yolasite.com](http://sd42onlinemath.yolasite.com)

### LEARNING ACTIVITIES:

In order to review for the unit test, you should do the following:



1. Review your math journal for learning guides 10-11.



2. Review your assessment quiz for LG 10/11.
2. Complete Cumulative Review pages 326-327 #20-27.
3. Complete Unit 2 Test pages 328 - 329 #7, 8, 13, 15, 19.

## **PRACTICE UNIT TESTS**

[Practice Test #1](#)

[Practice Test #2](#)

[Practice Test #3](#)

[Practice Test #4](#)