

Math 12 Pre-Calculus LG 3

UNIT 1 REVIEW



INTRODUCTION:

A review of Learning Guides 1&2.



LEARNING GUIDE EXPECTATIONS:

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

- LG 1:
- 1) understand the effects of horizontal and vertical translations on the graphs of functions and their related equations.
 - 2) understand the effects of horizontal and vertical stretches on the graphs of functions and their related equations.
 - 3) understand the effects of reflections on the graphs of functions and their related equations.
- LG 2:
- 4) sketch the graph of a function with multiple transformations.
 - 5) write the equation of a function that has multiple transformations.
 - 6) sketch the graph of the inverse of a function.
 - 7) determine the equation of an inverse.



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 1 Test which will cover all of the expectations of Learning Guides 1&2.



RESOURCES NEEDED:



Math 12 Pre-Calc Text



THSS Math 12 Pre-Calc Learning Guides.



www.thssmath.com

LEARNING ACTIVITIES:

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



1. Review your math journal for learning guides 1-2.
2. Review your assessment quizzes for LG 1&2.



3. Complete Cumulative Review pages 158-159 #1-6.
4. Complete Unit 1 Test pages 160-161 #1-3, 9, 10, 12, 14.

PRACTICE UNIT TESTS

[Practice Test #1](#)

[Practice Test #2](#)

[Practice Test #3](#)

[Practice Test #4](#)