

Math 12 Pre-Calculus LG 6

UNIT 2 REVIEW



INTRODUCTION:

A review of Learning Guides 3&4.



LEARNING GUIDE EXPECTATIONS:

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

- LG 4:
- 1) Sketch the graph of a radical function and identify its properties such as domain, range and intercepts.
 - 2) Sketch the graph of $y = \sqrt{f(x)}$ given the graph of $y = f(x)$.
 - 3) Solve radical equations graphically and algebraically.
- LG 5:
- 4) Identify and analyze polynomial functions.
 - 5) Divide a polynomial by a binomial.
 - 6) Use and understand the remainder theorem.
 - 7) Factor polynomials.
 - 8) Use and understand the factor theorem.
 - 9) Sketch the graph of a polynomial without technology.
 - 10) Model and solve problems involving polynomial functions.



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 2 Test which will cover all of the expectations of Learning Guides 4&5.



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 4&5.
2. Review your assessment quizzes for LG 4&5.



3. Complete Cumulative Review pages 158-159 #7-18.
4. Complete Unit 1 Test pages 160-161 #6, 7, 8, 11, 13, 15, 16, 17.

PRACTICE UNIT TESTS

[Practice Test #1](#)

[Practice Test #2](#)

[Practice Test #3](#)

[Practice Test #4](#)