

Math 10 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) determine the square root and cube root of perfect squares and cubes.
2) apply the exponent laws to simplify expressions with integral exponents.
- LG 2: 3) apply the exponent laws to simplify expressions with rational exponents.
4) represent and simplify irrational numbers.
5) convert between powers with rational exponents and radicals.
6) convert between mixed radicals and entire radicals.



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 and 2.



RESOURCES NEEDED:



Math 10 Text and Learning Guide 3 (Unit 1 Review)

LEARNING ACTIVITIES:



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

- 1) Review your journal.
- 2) Re-read Chapter 4 in your Math 10 text.
- 3) Complete the questions in Learning Guide 3 (Unit 1 Review).
- 4) If you need more additional questions, re-do the appropriate questions from Learning Guides 1-2 in the Math 10 text.

REVIEW AND CHALLENGE



1. In the Math 10 text, complete the Unit Review of Chapter 4 pages 196-198 #1 – 22.



2. In the Math 10 text, complete the Unit Test pages 260-261 #1 – 3, 7, 9, 10.

CHAPTER REVIEWS

[Chapter 4 Review](#)

[Chapter 4 Review Answers](#)

PRACTICE UNIT TESTS

[Practice Unit Test #1](#)

[Practice Unit Test #2](#)

[Practice Unit Test #3](#)

[Practice Unit Test #4](#)

[Practice Unit Test #5](#)