

Math 11 Pre-Calculus LG 17

UNIT 5 REVIEW



INTRODUCTION:

A review of Learning Guides 13-16



LEARNING GUIDE EXPECTATIONS:

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

LG 13-14:

- 1) understand the differences between simple and compound interest
- 2) understand the advantages and pitfalls of obtaining and using credit cards for purchases; and demonstrate your learning by completing and presenting to your teacher a project on credit card usage.
- 3) use technology to accurately calculate regular payments involving compound interest on loans, credit cards and mortgages
- 4) understand the advantages and disadvantages for either renting or owning your own home; and demonstrate your learning by completing and presenting to your teacher a project on acquiring housing.

LG 15-16:

- 1) Explain how to find the solution for a two-variable linear equation.
- 2) Represent and solve a problem that involves a quadratic inequality in one variable including a graph.
- 3) Determine the solution of a quadratic equation using strategies like case analysis, graphing, roots and test points, or sign analysis.



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 5 Test which will cover all of the expectations of Learning Guides 13-16.



RESOURCES NEEDED:



Math 11 Pre-Calc Text



Math 11 Pre-Calc Learning Guides.

LEARNING ACTIVITIES:

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



1. Review your math journal for learning guides 13-16.



2. Complete Chapter 9 Review pages 501-502 #1-3, 6-9, 11-13, 16.

3. Complete Chapter 9 Practice Test pages 504 - 505 #1-13.

4. Ensure you've completed the "Practice Questions" in the [LG13-14 learning guide](#), including the ones which use the online TVM solver.

PRACTICE UNIT TESTS

[Practice test #1](#)

[Practice test #2](#)

[Practice test #3](#)

[Practice test #4](#)