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:
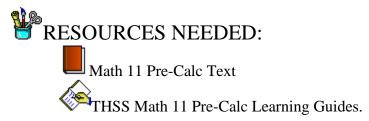1) understand the differences between simple and compound interest
2) understand the advantages and pitfalls of obtaining and using credit cards for purchases; and demonstrate your learning by completing and presenting to your teacher a project on credit card usage.
3) use technology to accurately calculate 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

THSS 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