Math 11 Pre-Calculus LG 4

UNIT 1 REVIEW



A review of Learning Guides 1-3.

LEARNING GUIDE EXPECTATIONS:

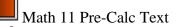
On the completion of this learning guide you will be able to:

- LG 1: 1) identify and build an arithmetic sequence.
 - 2) find unknown quantities using the arithmetic sequence formula.
 - 3) find the sum of an arithmetic series.
 - 4) manipulate the arithmetic series formula in order to find an unknown quantity.
- LG 2: 5) identify and build a geometric sequence.
 - 6) find unknown quantities using the geometric sequence formula.
 - 7) find the sum of a geometric and infinite geometric series.
 - 8) manipulate the geometric and infinite geometric series formulae in order to find an unknown quantity.
- LG 3: 9) sketch an angle in standard position and identify the reference angle.
 - 10) determine the exact values of the sine, cosine and tangent ratios of 30°, 45° and 60°.
 - 11) solve trigonometric problems involving angles between 0° and 360°.
 - 12) find unknown parts of a triangle using the sine law or the cosine law.



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 1-3.





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 1-3.



- 2. Complete Chapter 1 Practice Test pages 69-70 #1-12.
- 3. Complete Chapter 2 Practice Test pages 129-130 #1-17.

PRACTICE UNIT TESTS

Practice test #1

Practice test #2

Practice test #3

Practice test #4