

# Foundations of Math 11 LG 5

## UNIT #1 REVIEW



### INTRODUCTION:

A review of Learning Guide 1&2 and Learning Guide 3&4.



### LEARNING GUIDE EXPECTATIONS:

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

- |         |    |   |
|---------|----|---|
| LG 1&2: | 1) | form and analyze conjectures.                               |
|         | 2) | prove or disprove conjectures to solve problems.            |
|         | 3) | analyze puzzles and games involving spatial reasoning.      |
| LG 3&4: | 4) | prove properties of angles formed by intersecting lines.    |
|         | 5) | prove properties of angles in triangles and other polygons. |
|         | 6) | use proven properties to solve geometric problems.          |



### 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&2 and 3&4.



### RESOURCES NEEDED:



Foundations of Mathematics 11 Text, [www.thssmath.com](http://www.thssmath.com) .

### LEARNING ACTIVITIES:



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

- 1) Review your journal.
- 2) Re-read Chapters 1 and 2 in your Foundations of Math 11 text and complete all the odd or even numbered questions that you had previously skipped.
- 3) Complete #1 – 13 on pages 110-111 in 1 – 2 Cumulative Review (Unit 1 Review).
- 4) Complete the following online practice tests:

[Practice Test #1](#)

[Practice Test #2](#)

[Practice Test #3](#)

[Practice Test #4](#)

[Practice Test #5](#)