

Foundations of Math 11 LG 14

UNIT #3 REVIEW



INTRODUCTION:

A review of Learning Guides 11/12 and Learning Guide 13.



LEARNING GUIDE EXPECTATIONS:

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

LG 11 & 12:

- 1) calculating and interpreting standard deviation for given sets of data.
- 2) understanding the properties of normally distributed data.
- 3) determining and using the properties of the normal curve to compare sets of data that approximate normal distributions.
- 4) solving problems that involve normal distributions using z-scores.
- 5) interpreting data using confidence intervals, confidence levels and margin of error.

LG 13:

- 6) Modelling and solving problems algebraically and graphically using linear inequalities in two variables.
- 7) Modelling and solving problems algebraically and graphically using systems of linear inequalities in two variables.
- 8) Solving optimization problems using linear programming.



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 3 Test which will cover all of the expectations of Learning Guides 11&22 and 13.



RESOURCES NEEDED:



Foundations of Mathematics 11 Text, possible Internet access, and Learning Guide 14 (Unit 3 Review).

LEARNING ACTIVITIES:



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

- 1) Review your journal.
- 2) Re-read Chapters 5 and 6 in your Foundations of Math 11 text and complete all the odd or even numbered questions that you had previously skipped.
- 3) Complete #9 – 14 on pages 288-289 in 3 – 5 Cumulative Review (Unit 3 Review).
- 4) Complete #1 & 2 on page 520 in 6 – 8 Cumulative Review (Unit 3 Review).

PRACTICE TESTS

[Practice test #1](#)

[Practice test #2](#)

[Practice test #3](#)

[Practice test #4](#)

[Practice test #5](#)