

# Foundations of Math 10 LG 14

## UNIT #4 REVIEW



### INTRODUCTION:

A review of Learning Guide 12 and Learning Guide 13.



### LEARNING GUIDE EXPECTATIONS:

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

- LG 12:
- 1) generate systems of linear equations and create graphs to model situations.
  - 2) solve two-variable systems of linear equations graphically.
  - 3) verify solutions to two-variable systems of linear equations.
  - 4) explain why systems of linear equations may have zero, one, or an infinite number of solutions.
- LG 13:
- 5) model mathematical relationships from problems.
  - 6) relate a system of linear equations to a problem.
  - 7) analyze linear relationships using different algebraic methods.
  - 8) determine and verify the solution to a linear system using algebra.
  - 9) select an appropriate method to solve a problem.



### 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 4 Test which will cover all of the expectations of Learning Guides 12 and 13.



### RESOURCES NEEDED:



Math 10 Text and Learning Guide 14 (Unit 4 Review)

### LEARNING ACTIVITIES:



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

- 1) Review your journal.
- 2) Re-read Chapters 12 and 13 in your Math 10 text.
- 3) Complete the Review and Challenge, Chapter Reviews and Practice Unit Tests.

## REVIEW AND CHALLENGE



1. In the Math 10 text, complete the Unit Review of Chapter 8 and 9 pages 507-509 #1 - 14.



2. In the Math 10 text, complete the Unit Test pages 510-511 #1 - 9.

## CHAPTER REVIEWS

[Chapter 8 Review](#)

[Chapter 8 Review Answers](#)

[Chapter 9 Review](#)

[Chapter 9 Review Answers](#)

## PRACTICE UNIT TESTS

[Practice Unit Test #1](#)

[Practice Unit Test #2](#)

[Practice Unit Test #3](#)

[Practice Unit Test #4](#)

[Practice Unit Test #5](#)