

# Math 9A LG 11

## UNIT 3 REVIEW (LINEAR EQUATIONS AND RELATIONS)

### LEARNING GUIDE EXPECTATIONS:

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

- 1) Solve one-step linear equations with rational coefficients.
- 2) Solve two-step linear equations with rational coefficients.
- 3) Solve multi-step linear equations with rational coefficients (using the distributive law when needed).
- 4) Solve problems using linear equations with rational coefficients
- 5) Graph lines using a table of values.
- 6) Read graphs, including interpolation and extrapolation.
- 7) Graph and analyze linear relations.
- 8) Graph horizontal and vertical lines



### EVALUATION:

You are ready to progress to the next learning guide when you can demonstrate your understanding of the above expectations. Please refer to your Mathematics 9 Marks Record Sheet to determine the assessment.



### RESOURCES NEEDED:



Math Links 9 Text

### LEARNING ACTIVITIES:

In order to review for the Unit Test, you should do the following:



1. Review your math journal for learning guides 8, 9, and 10.

2. Go over your Quizzes from LG 8, 9, and 10. Look at your ‘How Did I Do?’s for each quiz to find any particular sections which may require extra practice.

\*Also, use your quizzes as a Practice Test.



3. If you need additional questions to help you prepare for the Unit Test, then you can go over the review sections for LG 8, LG 9, and LG 10. You can also go online and do some practice problems from Chapters 8 and 6 of the textbook.