

# Math 9A LG 18

## UNIT 5 REVIEW

### LEARNING GUIDE EXPECTATIONS:

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

- 1) Create a series of rules for the properties of a circle.
- 2) Demonstrate an understanding of the rules involved in Circle Geometry.
- 3) Solve problems involving Circles.
- 4) Be able to explain the factors effecting surveys such as **bias, use of language, cost, time, timing, privacy and cultural sensitivity**.
- 5) Describe the difference between a sample and a population, and include a brief description of all 5 different sampling techniques.
- 6) Develop a rubric and then create an unbiased survey about a topic of interest to you, and write some general conclusions about the survey.



### 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 9A Marks Record Sheet to determine the assessment.



### RESOURCES NEEDED:



Math Links 9 Text

Algebra Tiles Kit (can sign out from the science kiosk when you need them)

### LEARNING ACTIVITIES:

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



1. Review your math journal for learning guides 16 and 17.



2. In the Math Links 9 text, complete #1-6 on page 406 and then #1-9, 10, 12, and 16 on pages 444 - 445.

3. If you need additional questions to help you prepare for the Unit Test (ie: you needed to look back in the textbook for help while doing your above review questions) then go back and go over the review sections for LG 16 and 17. You can also go online and do some practice problems from Chapter 10 and 11 of the textbook. Additional review questions and practice quizzes are found at [www.thssmath.com](http://www.thssmath.com).