

# Math 9A LG 15

## UNIT 4 REVIEW

### LEARNING GUIDE EXPECTATIONS:

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

- 1) demonstrate an understanding of line symmetry.
- 2) demonstrate an understanding of rotation symmetry.
- 3) determine the surface area of 3-D objects.
- 4) draw and interpret scale diagrams of 2-D shapes.
- 5) demonstrate an understanding of similarity of polygons.
- 6) recognize a linear pattern arising from a problem.
- 7) graph and analyze linear relations.



### 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 12, 13 and 14.



2. In the Math Links 9 text, complete #1-6 on page 166 then #18-23 on page 168 then #7-11 on pages 284-285.

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 12, 13 and 14. You can also go online and do some practice problems from Chapter 1, 4 and 6 of the textbook. Additional review questions and practice quizzes are found at [www.thssmath.com](http://www.thssmath.com).