**Geometry Think Quest**

Click on the links below and follow the instructions on the page. Also, write the steps to follow for each of the two constructions performed.

<http://www.mathopenref.com/constbisectangle.html> (bisecting an angle)

 <http://www.mathopenref.com/constbisectline.html> (bisecting a line)

Click on the link below. Then, click each of the links on that page. Take notes on transversals, alternate interior, alternate exterior, corresponding, and vertical angles. You may do this by drawing the figure and labeling the angles based on their relationships.

<http://www.mathsisfun.com/geometry/corresponding-angles.html> - Angles and Transversals

Click on the link, and record any volume formula you do not have as you will be able to use these on your unit assessment.

<http://www.factmonster.com/ipka/A0876212.html>

Click on the link below and answer the five volume problems.

<http://go.hrw.com/resources/go_sc/hst/HSTMW301.PDF>

Click the link below to learn more about cross sections. Then, click the link to “sphere” and “cone” at the bottom of the page to learn more cool facts about this 3D figure!

<http://www.mathsisfun.com/geometry/cross-sections.html>

Click the link below. Use the username and password (1234) I gave you to log in. Click on the “Geometry” tab at the left of the screen, then practice in the following areas: [www.ixl.com](http://www.ixl.com)

* Angles - C.3 & C.4
* Parallel & Perpendicular Lines – D.2 & D.3
* Surface Area & Volume – S.2, S.3, S.4, & S.5
* 3-D Figures – H.3