Name____ Math 304 Tessellations-Due 3/23

Use Internet Explorer as your browser as version 5 has the necessary plug-ins.

From reading pp. 588-590 along with the website "**What is a Tessellation**" located at <u>http://mathforum.org/sum95/suzanne/whattess.html</u> answer #1-3.

1. Explain the difference between a regular tessellation a semi-regular tessellation

2. What is the name of the following semi-regular tessellation below?



3. What is the measure of each of the angles around the darkened vertex point above?

4. Go to the "National Library of Virtual Manipulatives for Interactive Mathematics" website at <u>http://matti.usu.edu/nlvm/nav/vlibrary.html</u>



a) Create your own semi-regular tessellation. On back neatly sketch out your pattern with at least 3 vertices completely surrounded.



- b) Go to the Standards link at the top of that same web page and list on the back the expectations that students would meet by completing this tessellation activity.
- c) How did the web pages used for this assignment help your understanding of tessellations? What were the limitations of the technology that frustrated you?