Housekeeping Items
September 13, 2000

1. #1 Plane Clusters

   (a) Except for sketches of the extendable tilings asked for in question 2, you should already have answers to these questions in your notebook.

   (b) You should have already selected a particular nonextendable cluster, written up a brief explanation of why it is not extendable, and given it to me.

2. #2 Space Clusters

   (a) You should already have an answer to question 1 in your notebooks.

   (b) Finish up question 2 at home and bring your answers to class on Monday. I will collect them.

3. #3 Coordinates

   (a) You should have the answer to question 1 in your notebook.

   (b) We will work on questions 2, 3, 4, and 5 in class. Put these answers in your notebook.

   (c) By Monday, use Maple or POV-Ray to draw a picture of the cuboctahedron. I will collect these on Monday

4. Reading

   (a) By Monday read Cromwell, pages 1–15, and Holden, pages 1–9 and 40–46. In particular, the readings in Holden will help with some of the answers to #2 Space Clusters.

5. Midterm Project. Think now about something to construct, draw, photograph, etc., that relates to polyhedra. You can work in groups of two or three if you wish, and if your combined effort will increase the quality of the outcome. I will want to talk to you individually about this, starting next Wednesday. It could be in the form of a physical model, computer-generated model, Power Point presentation, web page, etc. It could be related to art, architecture, history, or some of the models that appear in your books, for example. It doesn't have to be inordinantly complicated, but I require that it be something that is visually attractive, even to someone outside of this class, and that you put some effort, care, thoughtfulness, and professionalism into its execution— I plan to arrange for a public display of the results. The finished projects will be due Monday, October 16, with a one-page typed or computer-printed explanation. There are lots of interesting ideas mentioned in our books, as well as in the web-sites that you can find from the course web-page. In some cases, it might be possible for me to help purchase some materials.