

Assignment 4 **Math 103**
Due by: 12 Noon Friday 24 Oct

Fall 2008

Reading

- *Patterns in Patterns*: 1.4

Writing

Using *concise, clear sentences*, incorporate symbols, calculations, and illustrations into the text. Have an audience in mind. *Explain* what you're doing and why you're doing it.

- 1) Opportunities 1.4: 2 (Consider only the regular octahedron, dodecahedron, and icosahedron.)
- 2) Opportunities 1.4: 4

In-class presentations

- 1) Opportunities 1.4: 1
- 2) Opportunities 1.4: 3
- 3) Construct a polyhedron that has rotational symmetry—more than just trivial symmetry—but *does not* have reflective symmetry.