

## **MINERALOGY LABORATORY**

### **Symmetry - Part III**

There are 5 blocks for you to play with. For each:

1. Determine its point group and crystal system
2. Make a stereo diagram showing all symmetry
3. Make a stereo diagram showing all faces (dots, circles, or bullseyes)
4. Make a drawing of the block and label the Miller Indices of all faces

This is not all trivial.

Unless you are wonderfully artistic, you should probably generate drawings using Shape. This has the advantage of helping to figure out the Miller Indices! But, to do this you better have the point group and crystal system figured out correctly!