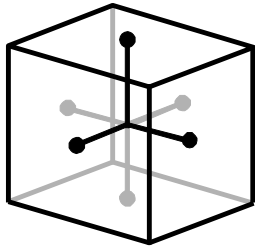
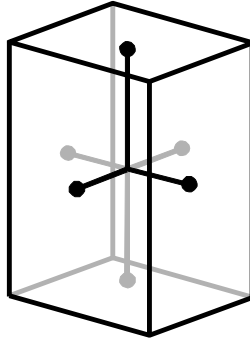


CRYSTAL SYSTEMS

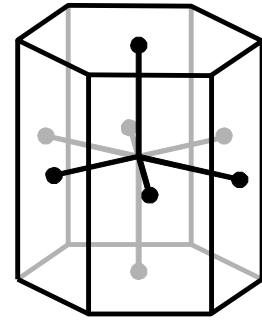
Crystal Systems



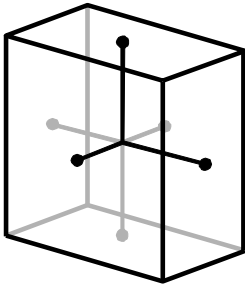
Cubic



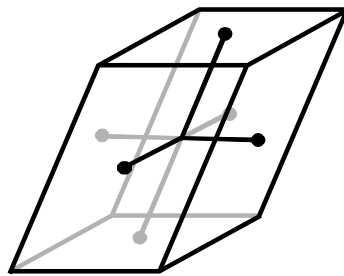
Tetragonal



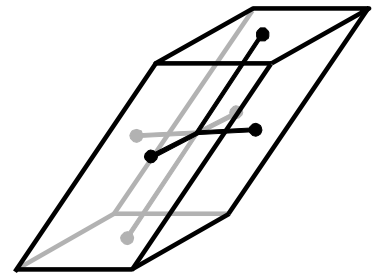
Hexagonal



Orthorhombic



Monoclinic



Triclinic

1. What is a crystal?

2. How many sides do crystals of each of the six major crystal systems have?

3. Pyromorphite is an example of what crystal system? Google: Wikipedia

4. How would you use crystal structure to tell a crystal of pyrite from a crystal of gypsum?

5. Name a mineral in the triclinic crystal system. Google

6. Under what conditions can minerals grow to form well-defined crystal shapes like those pictured?

7. Do mineral crystals tend to appear in one of the six well-defined shapes shown in the table? Why or why not?

8. How are atoms arranged in crystalline structures?
