

### **Introduction to the Night Sky Prelab Exercise**

1. Read over the section of your Audubon Guide that covers the Constellations and the appearance of the Northern and Southern skies (plates 19-211).
2. Familiarize yourself with what constellations are up this month and where they can be found in the night sky (Audubon Guide, p.405-420).
3. Use your star wheel to determine which constellations should be visible at 8pm tonight. List the main ones.
4. Using either the Audubon guide or a star chart, what are the common names of the following stars.

Alpha Orion  
Zeta Ursa Major  
Alpha Lyra  
Beta Cassiopeia  
Alpha Piscis Austrinus
5. Which is brighter, a 1st magnitude star or a 3<sup>rd</sup> magnitude star?