

### **Motion of the Sky Prelab**

1. What is the definition of a Sidereal Day? How does this differ from a Solar Day? What are the lengths of the two in hours and minutes? Include a diagram to illustrate the difference.
2. In this lab you will be using sketches from two other labs (*Introduction to the Night Sky* and *Coordinate Systems*) to measure how much the sky moves from month to month. What additional observational evidence do you have that it does this?