

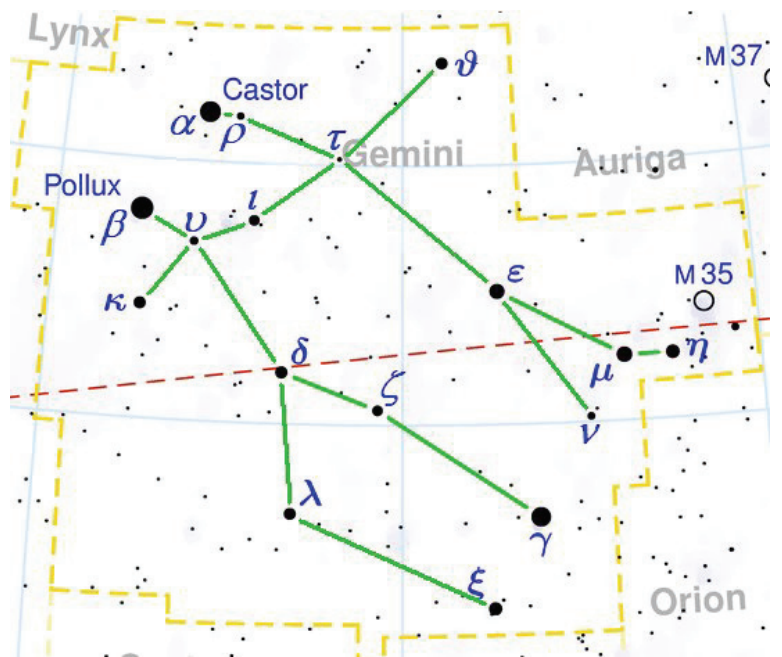
Name: _____

PRE-LAB OF 2ND SKY LAB

THE SKY AND CONSTELLATION TOUR:

2. USING SKY CHARTS

Read the Pre-Lab of Sky Lab #1, and answer the questions.



IMAGES TAKEN FROM [HTTP://EN.WIKIPEDIA.ORG/WIKI/CONSTELLATION](http://en.wikipedia.org/wiki/Constellation)
SEE ALSO [HTTP://OLEMISSASTRONOMYLAB.GOOGLEPAGES.COM/CONSTELLATIONS](http://olemissastronomylab.googlepages.com/constellations)

name

1) What is the Greenwich Meridian?

2) Why do we have to worry about time zones?

3) Explain the differences and similarities between right ascension and longitude

4) When and where are the right ascension and longitude both zero?

5) Why do we see different constellations throughout the year?

6) The constellations rise 4 minutes earlier every day. How many minutes does this correspond to if added throughout the whole year? Transform your answer to hours, then days, and finally years. Comment on your answer and relate to the previous question.
