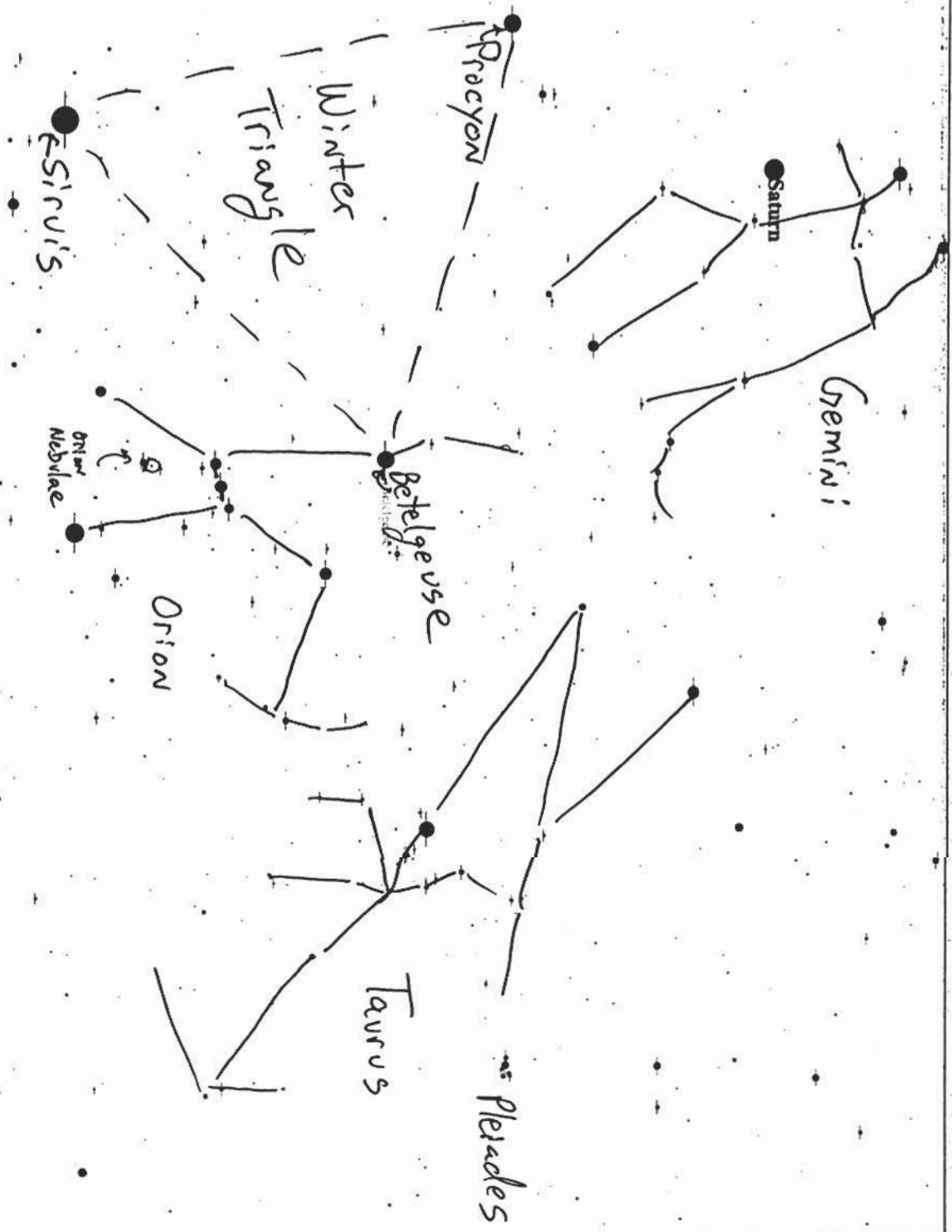


South ↓ Horizon



W

North Horizon

Cassiopeia

Middle of the "W"  
points near the North Star



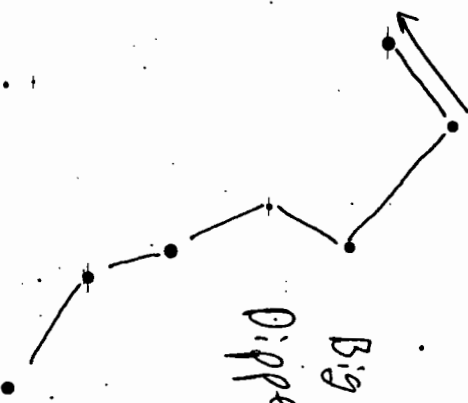
Polaris, North Star

Little Dipper



Big Dipper

End stars  
point towards  
North star



E

## Night Sky Quiz Details

Objective: For you to learn to recognize some constellations and basic features of the winter/spring evening sky.

This is one of projects you have a choice of doing during the semester.

I will hold at least two evening observing sessions to show you everything listed below, before I allow people to sign up to take the quiz. You must attend at least one observing session whether or not you plan to take the Night Sky Quiz.

The quiz consists being individually asked to do 8-10 of the tasks below under the evening sky in Forest Grove. The quiz will take about 5 minutes per person.

For you quiz you should be able to:

- Locate the following constellations: Big Dipper, Cassiopeia, Taurus, Gemini and Orion in the evening sky. Each one is a separate quiz task.
- Locate the North Star (Polaris) and able to explain to anyone how to use the Big Dipper or Cassiopeia to locate the North Star.
- Find the Winter Triangle and identify the stars in it (Betelgeuse Sirius and Procyon).
- Locate the Pleiades star cluster in Taurus.
- Find Saturn in the sky and describe its nightly motion.
- Describe the nightly motion of the Big Dipper with respect to the North Star.

I will make every attempt to have at least two nights on which the quiz can be taken, but you can only take the quiz once. If weather continues to be poor thru the end of February, the Night Sky Quiz will either be moved to later in the term or it will be dropped from the project list all together.

The have included a few star maps to help you review and find things on your own.