

# Project 1

1. *In class, you were given a picture of an ecliptic constellation as it might appear on a clear night sky. Identify the constellation, and draw connecting lines on the stars to show the actual constellation shape. (Hint: Focus on the brighter stars, even if they aren't in the constellation, they'll be good landmarks for discerning constellations).*
2. *What are your given constellation's celestial coordinates (right ascension and declination)? Name one country whose zenith crosses your constellation.*
3. *When will the Sun be in front of this constellation in 2018? What about 2000 years ago?*
4. *Name one place and time that this constellation can be observed in December 2018.*
5. *What constellations share a border with your constellation? Name all such constellations, not just those on the ecliptic.*
6. *Write a short paragraph on this constellation's significance throughout history.*