AST 101: Astrolabe • In-class Notes

To answer the following questions, set the astrolabe so that Spica is setting.

- What is Spica's azimuth?

- What star is rising? What is its azimuth?

- What is Arcturus' altitude? Azimuth?

- What star has just crossed the meridian?

  What is its altitude? What is its azimuth?

- For this astrolabe setting, the sun is rising at what azimuth? What is the date?

- For what date is the beginning of civil twilight occurring?

- If the date is March 20, what (local solar) time is it?

  What is sun's altitude? What is sun's azimuth?

- If date is November 20, what time is it?

  Sun's altitude: Sun's azimuth:

- For today's date, what time is it?

  Sun's altitude: Sun's azimuth: