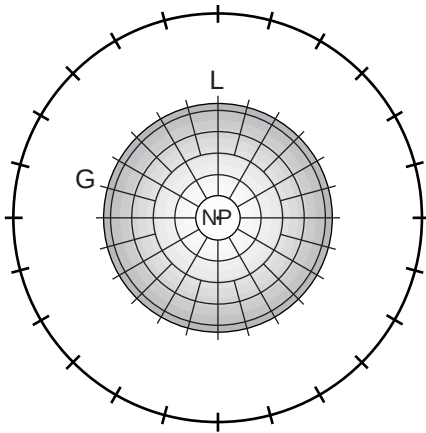


AST101: Longitude Worksheet

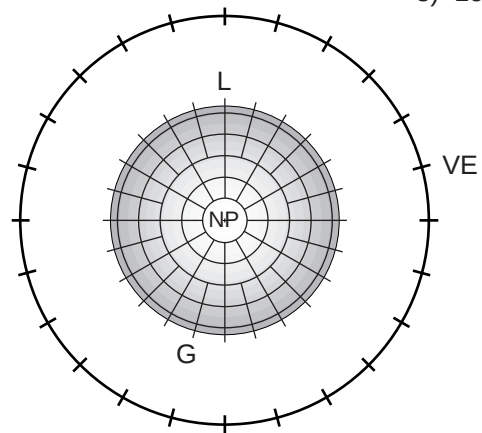
L = local position, G = Greenwich

Where's Vernal Equinox?

- 1) Sirius in local transit ($RA=7^h$)
- 2) LST = 20^h
- 3) GST = 13^h

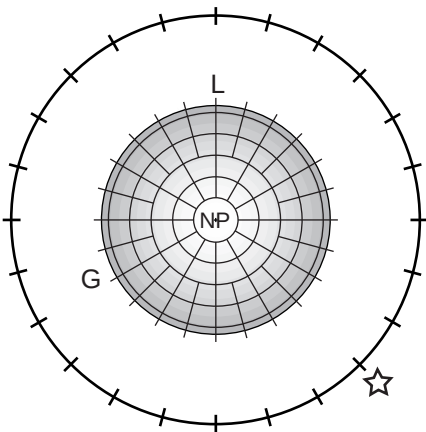


- 1) LST =
- 2) GST =
- 3) Long. =



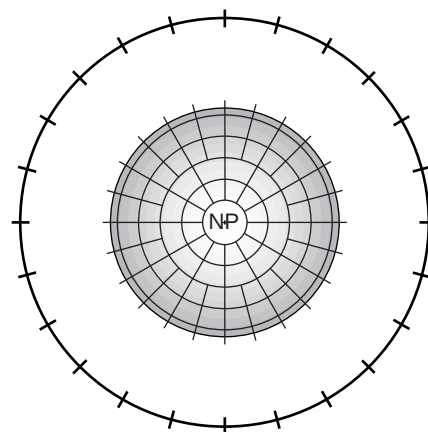
RA of Altair = 20^h

- 1) LST =
- 2) GST =
- 3) Long. =



LST = 4^h , GST = 17^h

- 1) Long. =



Where's the sun?

- 1) LMT = 12 noon
- 2) LMT = 5 am
- 3) GMT = 7 pm

- 1) LMT =
- 2) GMT =
- 3) Long. =

