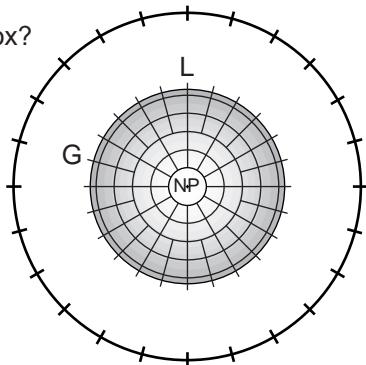


AST101: Longitude Worksheet #2

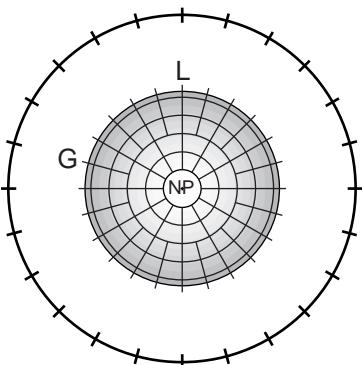
L = local position, G = Greenwich, \odot = Sun, VE = Vernal Equinox

Where's Vernal Equinox?

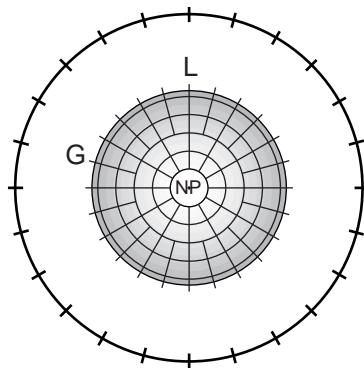
- 1) Sirius in local transit (RA=7h)



- 2) LST = 20h



- 3) GST = 13h



- 1) LST =

- 2) GST =

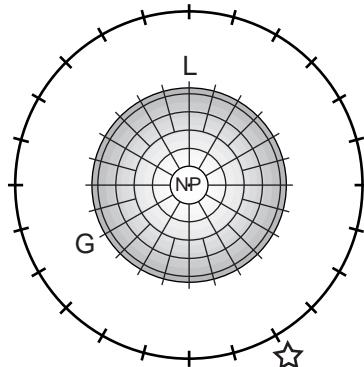
- 3) Long. =

RA of Altair = 20h

- 1) LST =

- 2) GST =

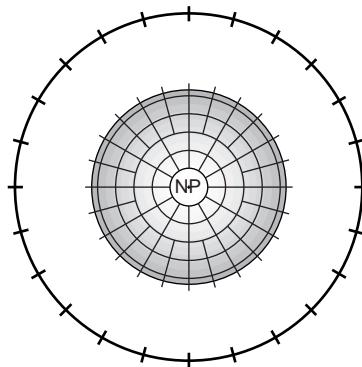
- 3) Long. =



LST = 4h,

GST = 17h

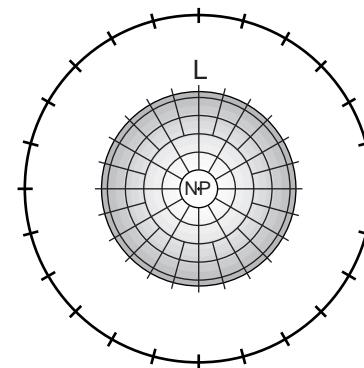
- 1) Long. =



- 1) LMT = 2 pm.
Where is the Sun?

- 2) Date = June 21.
Where is VE?

- 3) LST = ?



- 1) Long. = 75°E.
Where is Greenwich?

- 2) GST = 14h.
Where is VE?

- 3) Date = Sept. 23.
Where is Sun?

