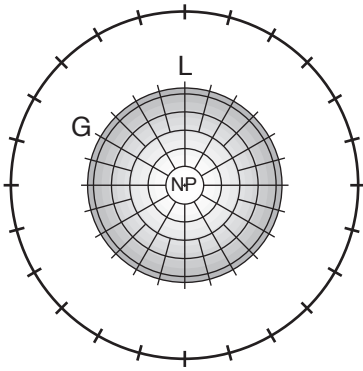


AST101: Longitude Worksheet

L = Local position, G = Greenwich, ☉ = Sun

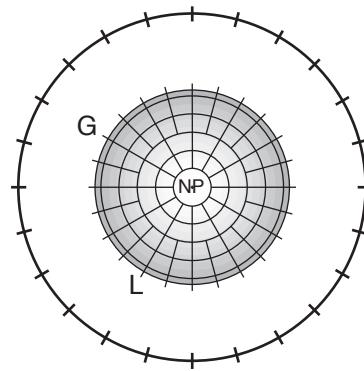
What is the Longitude of the local position?



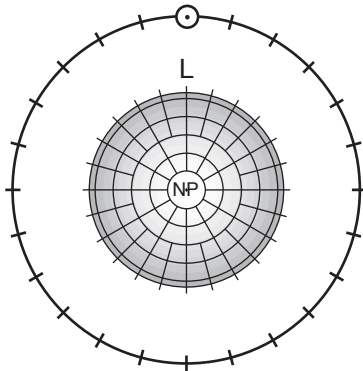
#1

#2

Longitude =



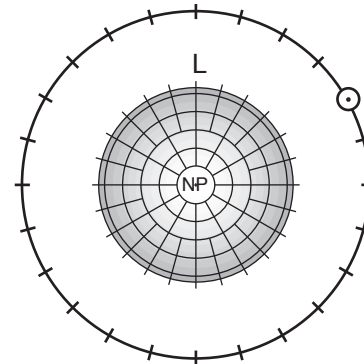
What is the local (mean) solar time (LMT)?



#3

#4

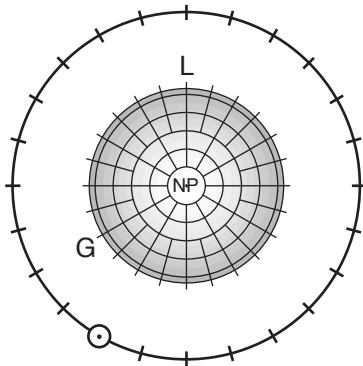
What is the LMT?



1) LMT =

2) GMT =

3) Long. =



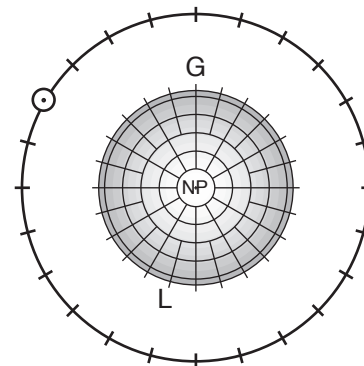
#5

#6

GMT =

LMT =

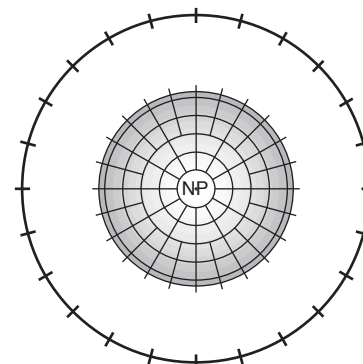
Long. =



LMT = 3 p.m.

GMT = 9 p.m.

Long. =



#7

#8

LMT = 8 p.m.

GMT = 3 p.m.

Long. =

