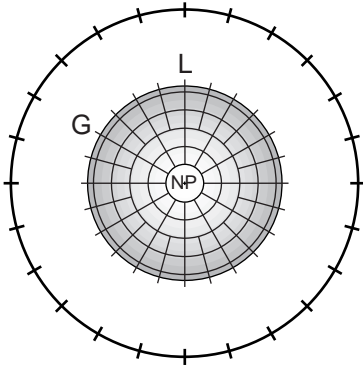


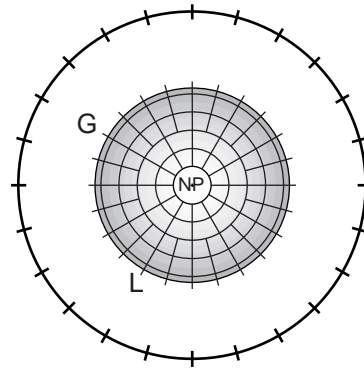
# AST101: Longitude Worksheet #1

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

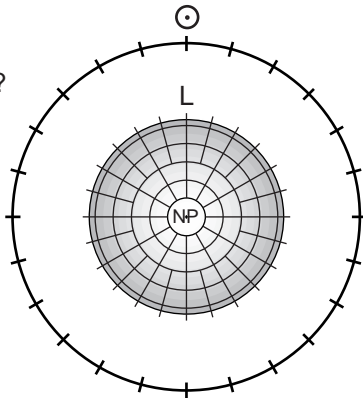
What is the Longitude of the local position?



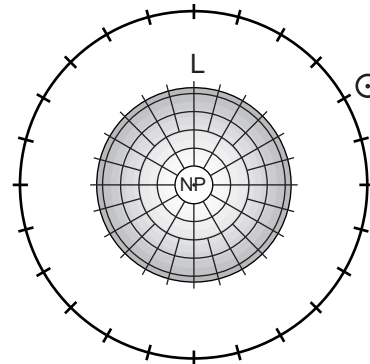
Longitude =



What is the local (mean) solar time?



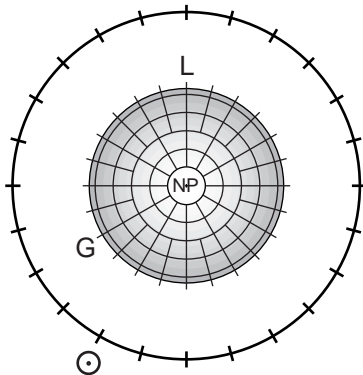
What is the LMT?



1) LMT =

2) GMT =

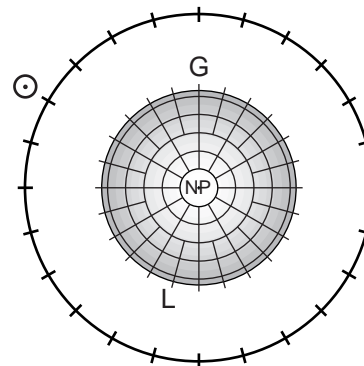
3) Long. =



GMT =

LMT =

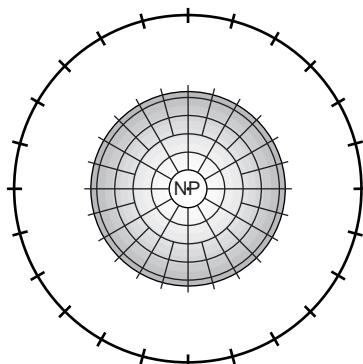
Long. =



LMT = 3 p.m.

GMT = 9 p.m.

Long. =



LMT = 8 p.m.

GMT = 3 p.m.

Long. =

