

Answers to Take-home #5

August 21:

RA = 10 h, Dec = +12° (from in-class discussion)

From diagram at right:

Sun rising azimuth: ENE

Sun noon altitude: 62°

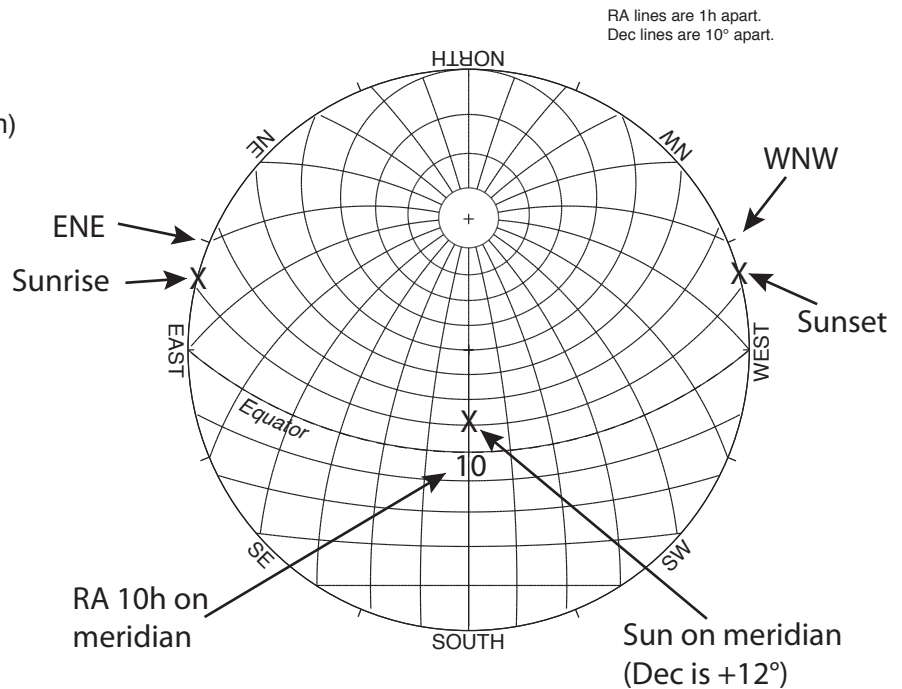
Sun setting azimuth: WNW

Daylight hours = 13h to 13h30m

Sunrise time = 5:15 to 5:30 am

Sunset time = 6:30 to 6:45 pm

Sun's Constellation = Leo (this answer not graded; for info only)



February 2:

RA = 21h, Dec = -17° (from in-class discussion)

From diagram at right:

Sun rising azimuth: ESE

Sun noon altitude: 33°

Sun setting azimuth: WSW

Daylight hours = 10h

Sunrise time = 7:00 am

Sunset time = 5:00 pm

Sun's Constellation = Capricornus (this answer not graded; for info only)

