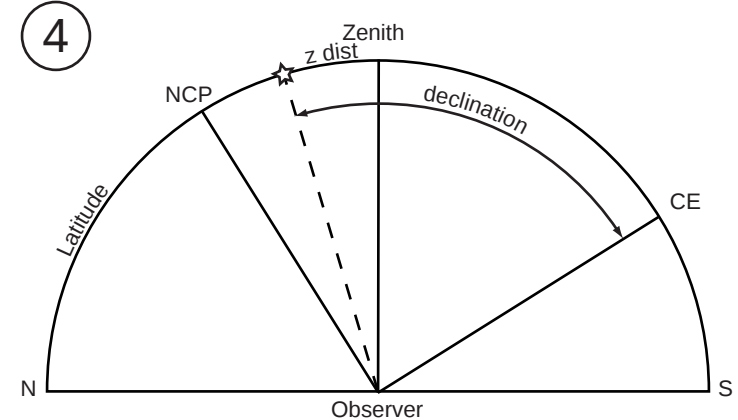
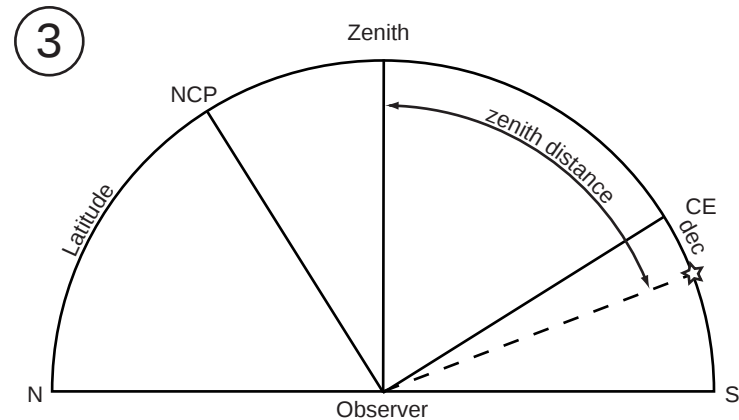
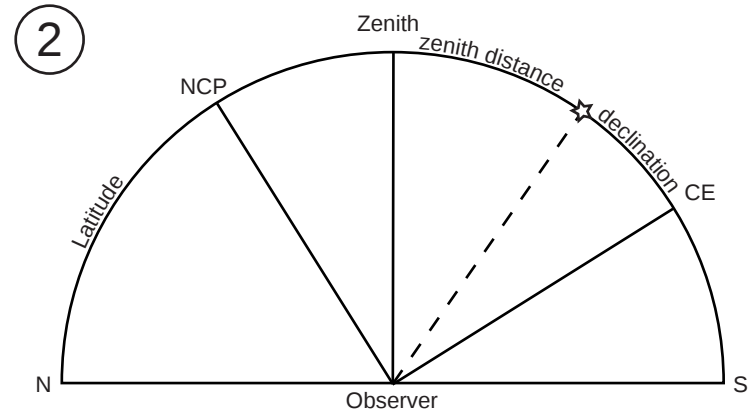
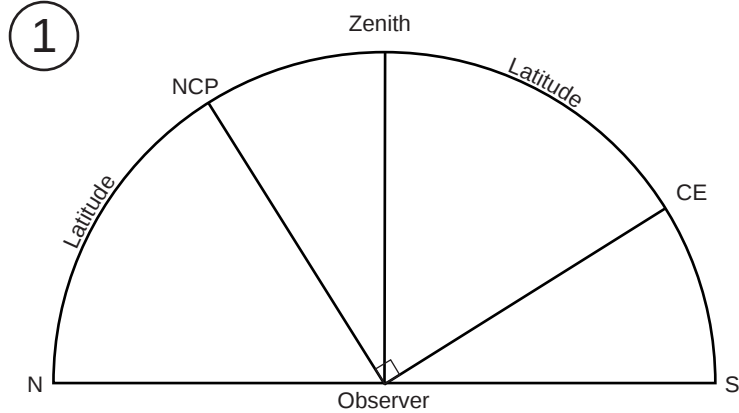


AST101: Latitude Worksheet

<http://www.pa.msu.edu/courses/AST101>



NCP: North Celestial Pole

CE: Celestial Equator

Zenith distance + Altitude = 90°

Latitude = declination + zenith distance*

*zenith distance is measured positive toward south and negative toward north.

Object	Latitude	Declination	Zenith Dist.
②		24°	34°
③			70°
④			
Mars	43°		
Betelgeuse		7°	