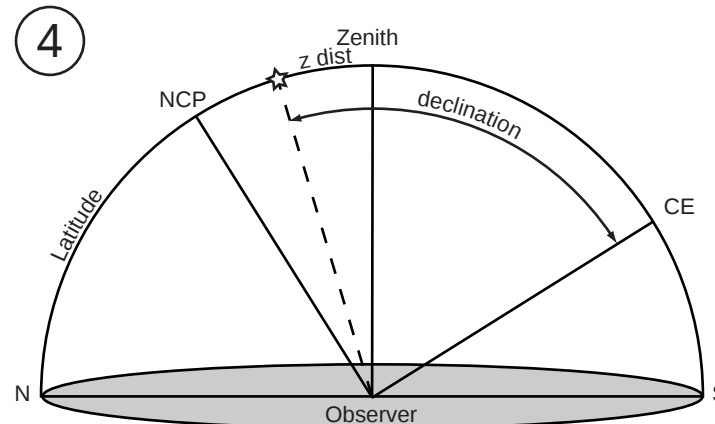
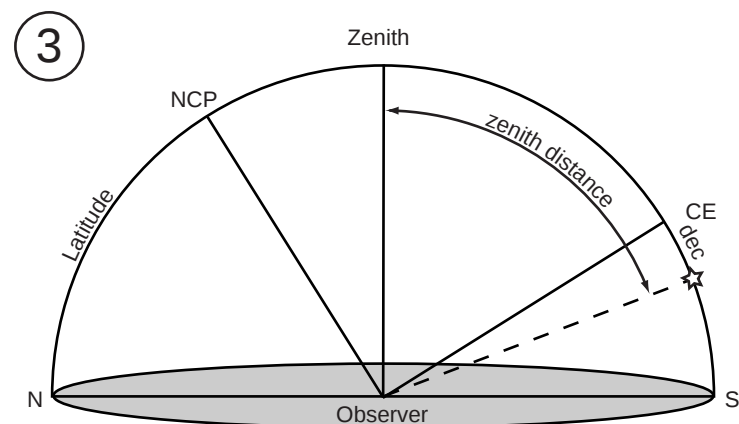
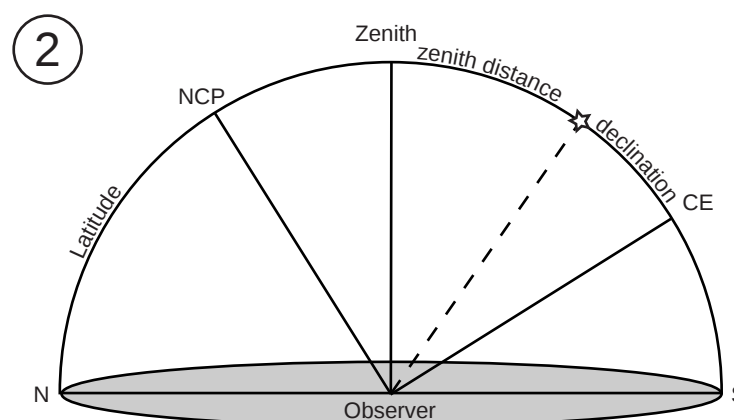
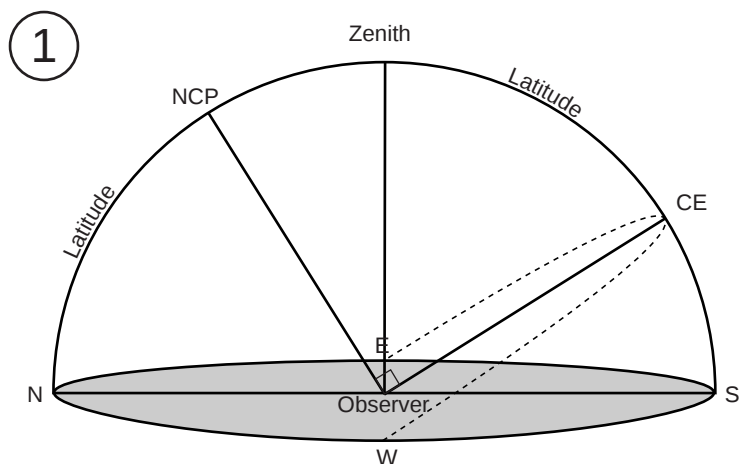


AST101: Latitude Worksheet



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.

Scene	Latitude	Declination	Zenith Dist.
②		24°	34°
③	58°		70°
④	58°		
Mars	43°		
Betelgeuse		7°	