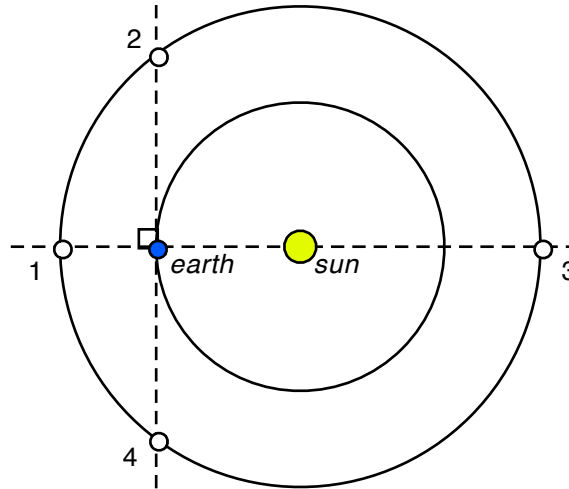


Orbital Definitions

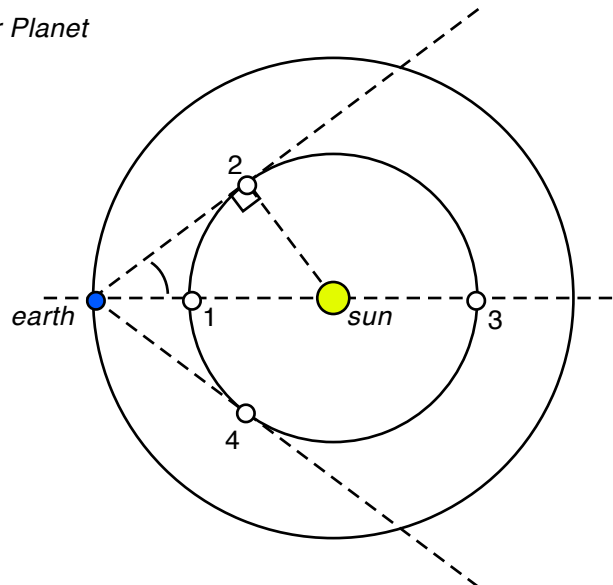
Key Orbital Positions of Planets

Superior Planet



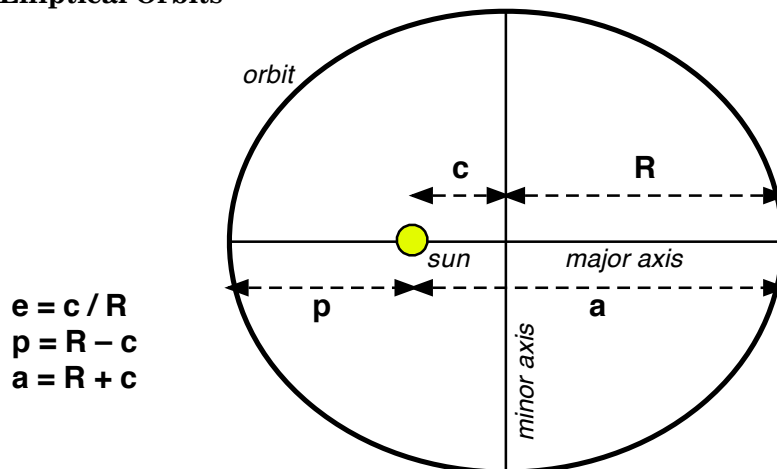
1. opposition
2. quadrature
3. conjunction
4. quadrature

Inferior Planet



1. inferior conjunction
2. greatest elongation
3. superior conjunction
4. greatest elongation

Elliptical Orbits



$$e = c / R$$

$$p = R - c$$

$$a = R + c$$

R: semi-major axis
p: perihelion
a: aphelion
c: center
e: eccentricity