

Kepler's Laws

Who was Kepler?

Short bio

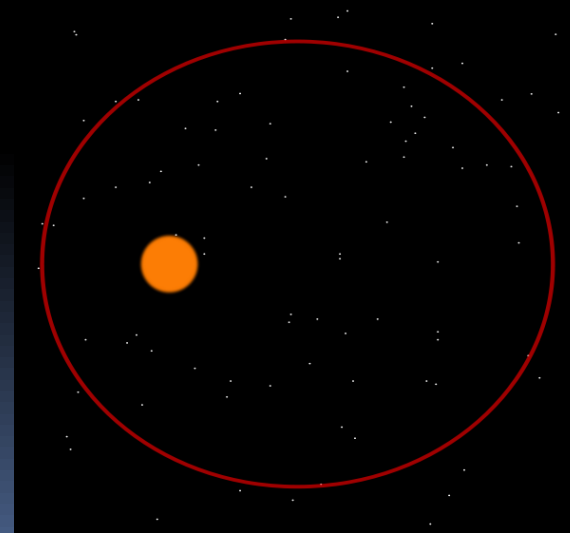
[Video](#)

[Famous Scientist - Johannes Kepler](#)

Kepler's Laws

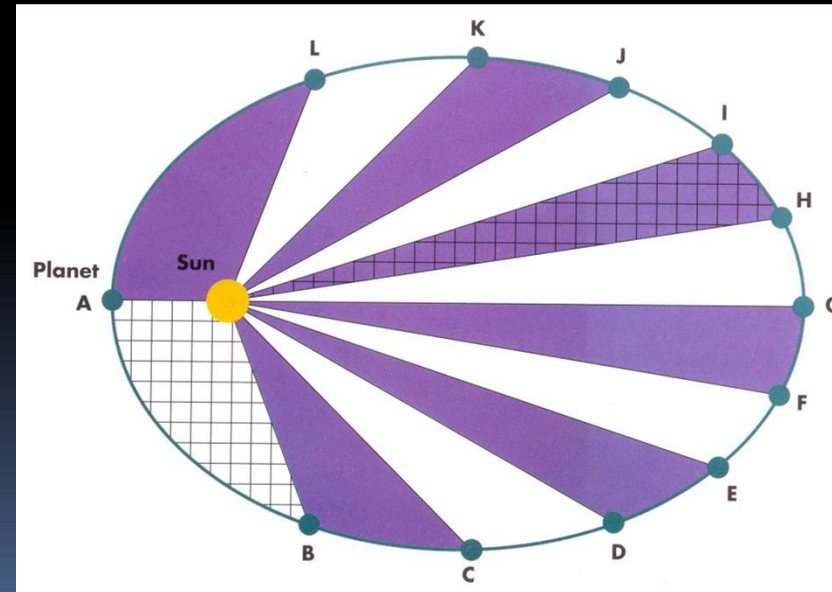
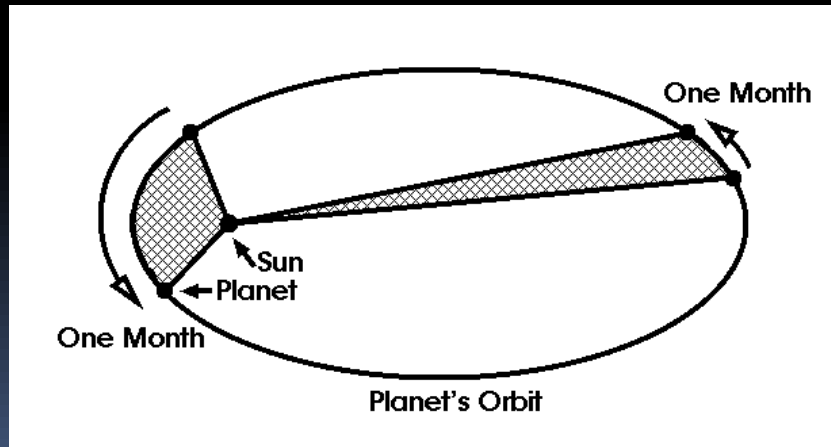
- 1st Law:
 - orbital paths are ellipses (ovals)
 - Sun is at one focal point

[Animation of Laws](#)



Kepler's Laws

- 2nd Law:
 - a planet sweeps out equal areas in equal times



Kepler's Laws

- 3rd Law:
 - $T^2 = d^3$
 - T = time of orbit
 - d = distance (avg) from the sun

