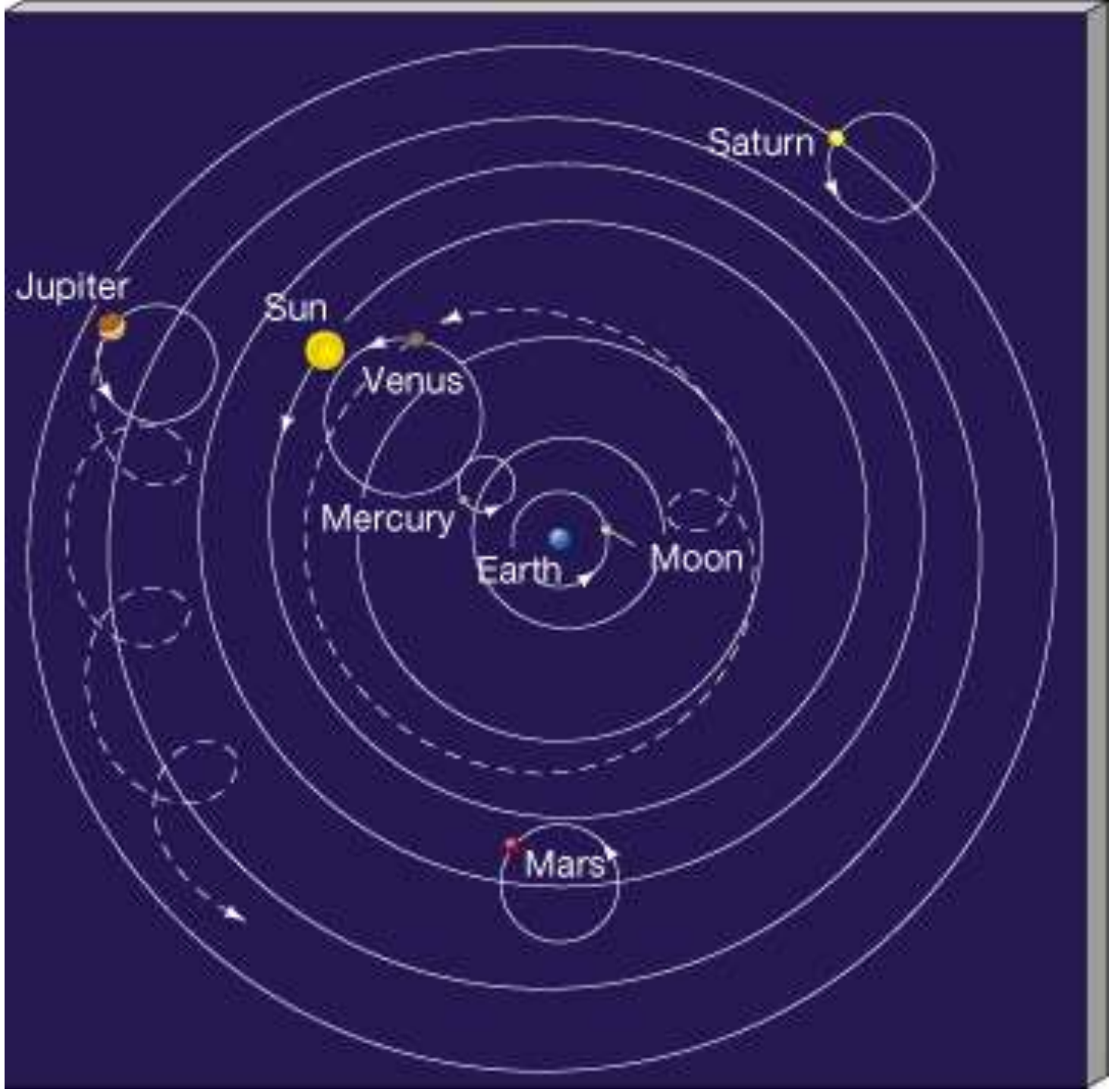
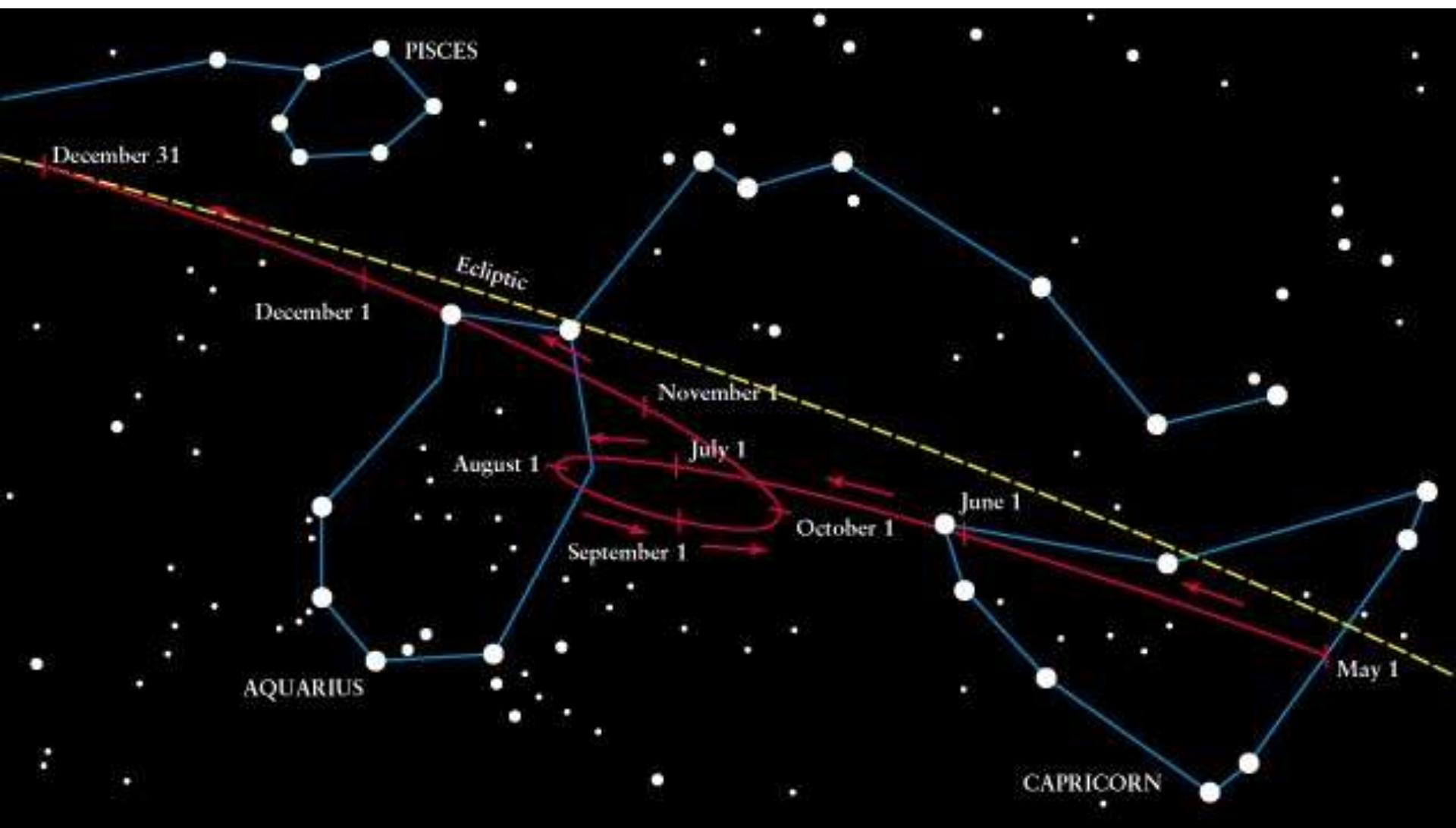
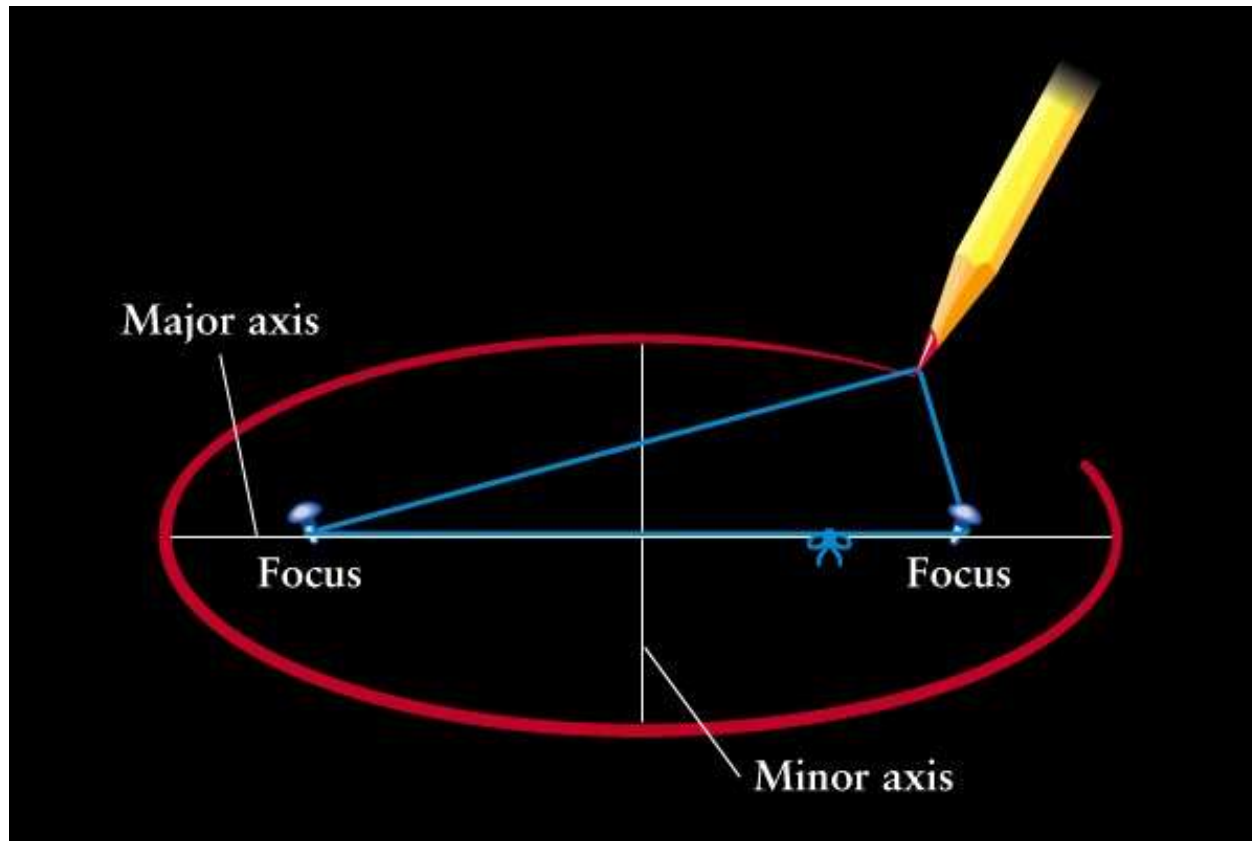






Kepler's Laws - 1

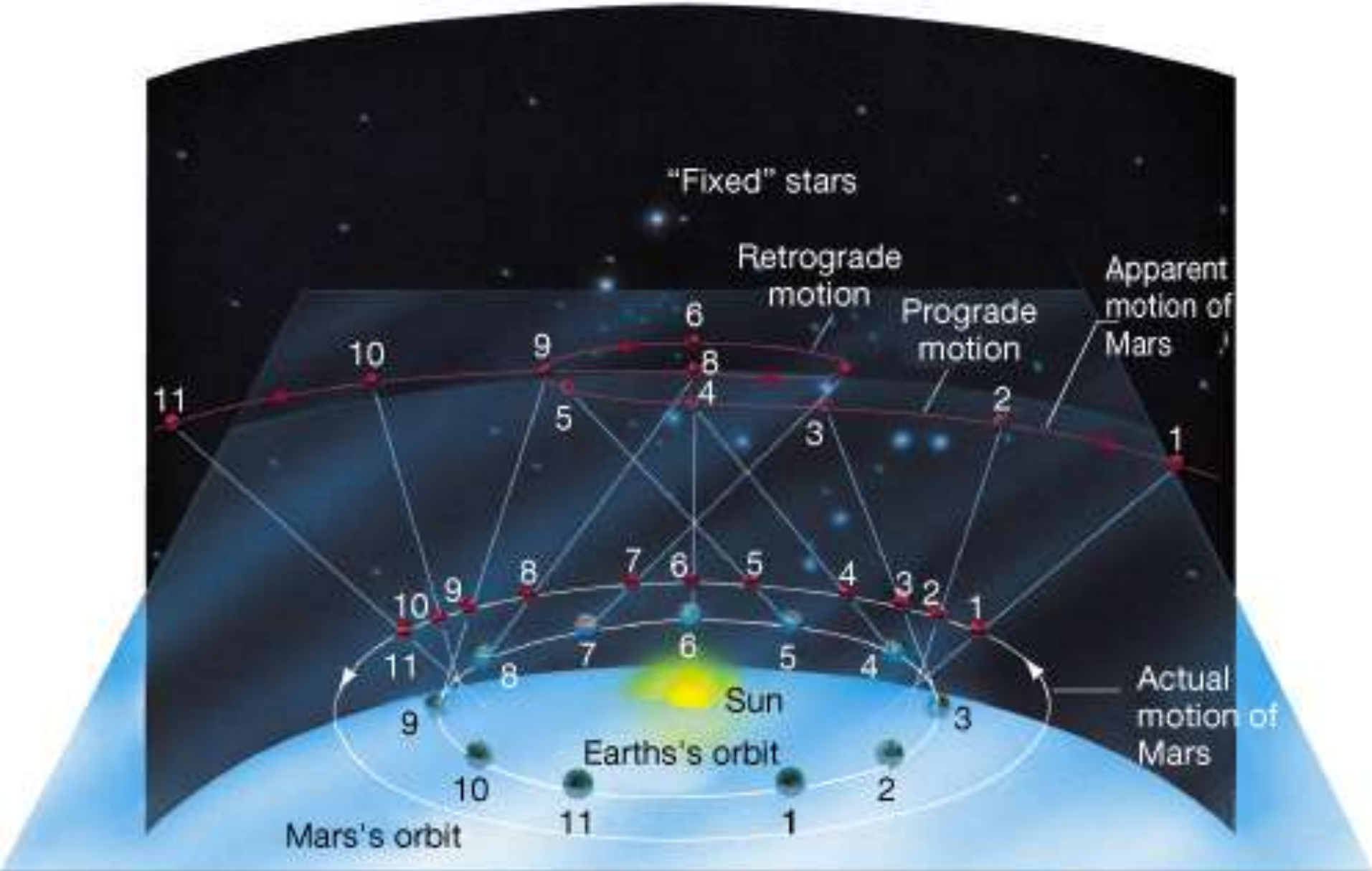
Orbits are ellipses with Sun at one focus



Kepler's Laws - 2

Square of period of orbit is proportional to cube of semi-major axis:

$$T^2 \Rightarrow a^3 \text{ where } a \approx R$$



Kepler's Laws - 3

Planets sweep out equal areas in equal times
(i.e. move faster when closer to Sun)

