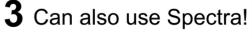
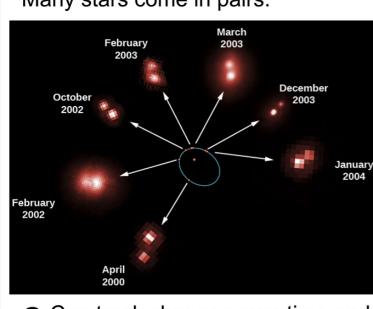
with Newton's

## Measuring the Mass of Stars

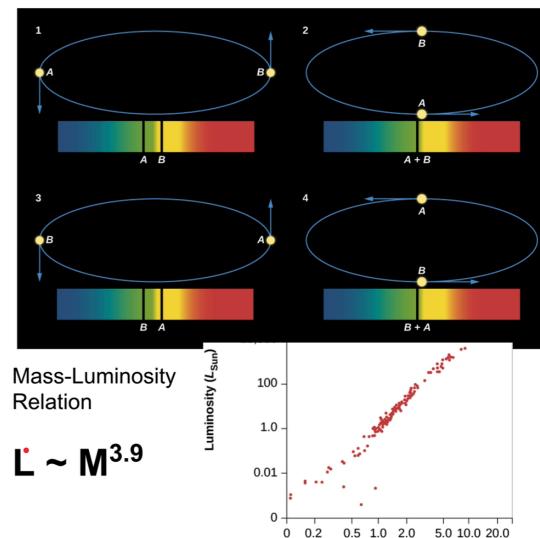


Mass (solar masses)



Absorption Lines move over time as Binary Stars orbit.

Combine with Doppler Effect to get velocity



2 Can track changes over time and determine the orbital Period

Velocity -> Size of Orbit -> Semi Major Axis (D)

Kepler's Law

Notes Pointer ## EXIT