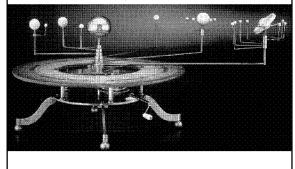
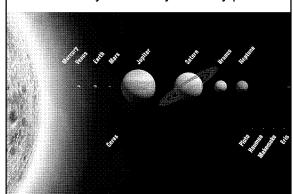
Monday, October 25 Solar System Review



Solar System Review Key Concepts

- 1) **Terrestrial** planets are made mostly of rock and metal.
 - 2) **Jovian** planets are made mostly of hydrogen and helium.
- 3) **Moons** orbit around planets (including dwarf planets).
- 4) Asteroids, comets, & trans-Neptunian objects orbit the Sun.

The Solar System today: a family portrait



A few wo

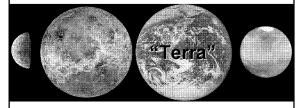
A few words about the Sun.

The Sun is a sphere of gas (mostly hydrogen & helium).

The Sun shines because it is hot.

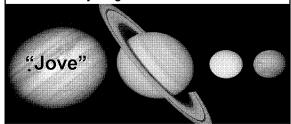
The Sun stays hot because it's powered by fusion of hydrogen to helium.

Terrestrial planets are made mostly of rock and metal.

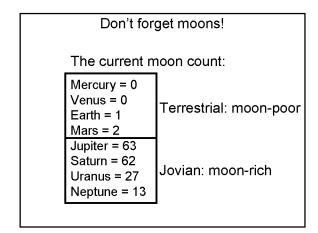


Terrestrial planets (Mercury, Venus, Earth, Mars) are relatively low in mass, high in density.

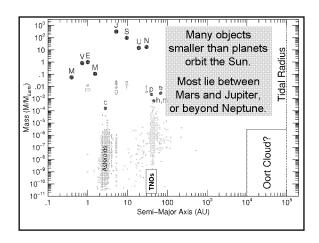
Jovian planets are made mostly of hydrogen and helium.

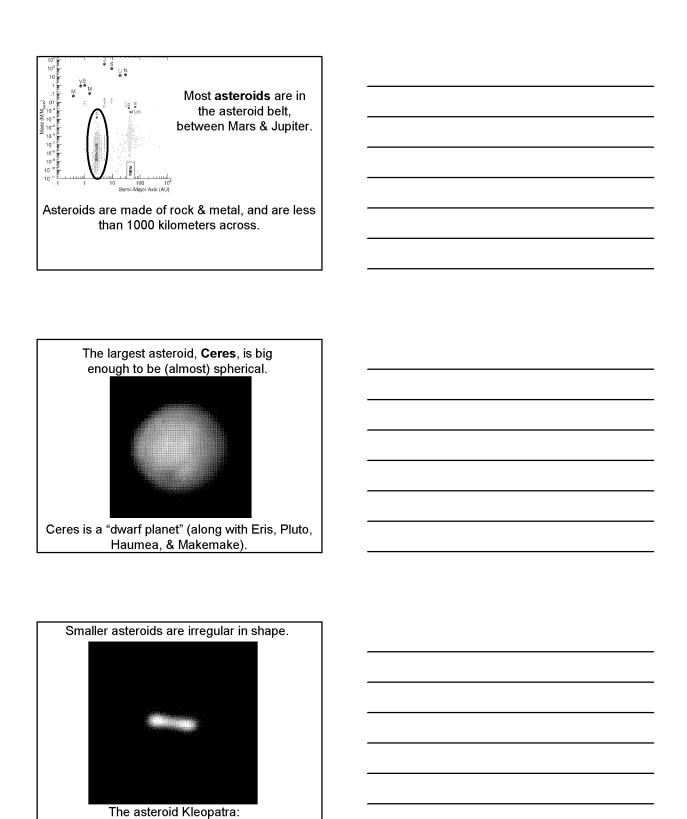


Jovian planets (Jupiter, Saturn, Uranus, Neptune) are relatively high in mass, low in density.



The 7 giant moons are bigger than Eris & Pluto;
2 are bigger in radius than Mercury
(but lower in mass).





a "dogbone" 200 km long

