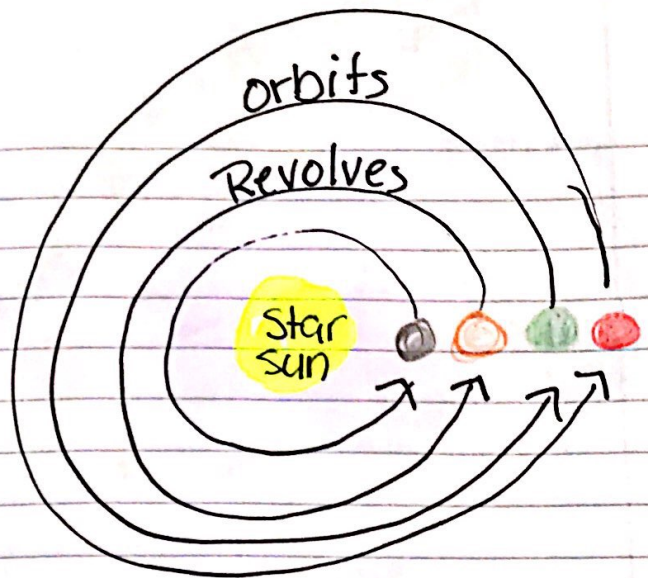


Unit 3 lesson 1 Notes ①

Solar System

Sun

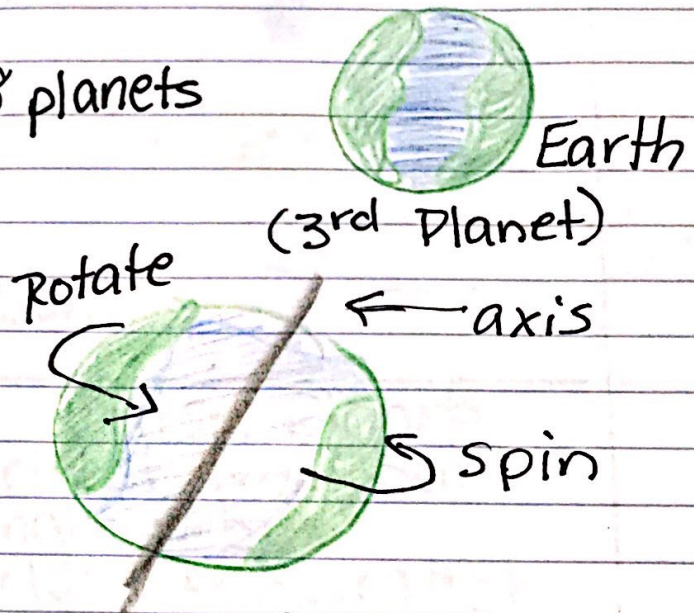
- is made up of ① star → Sun and other objects that revolve around the sun



Planets:

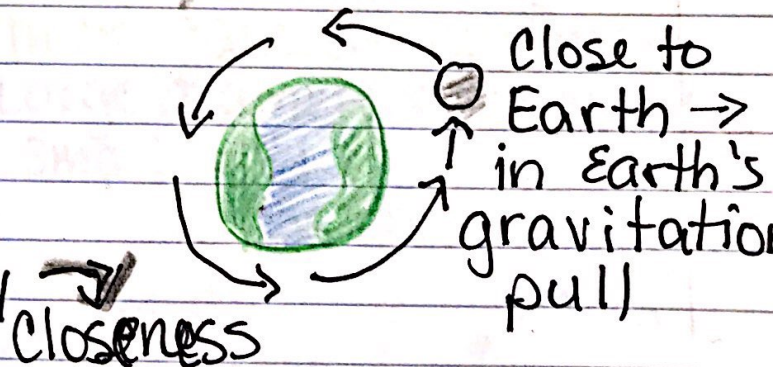
- a large, round body that revolves (orbits) around the sun → 8 planets

- * Planets rotate (spin) on an axis → an imaginary line through the center (the poles)



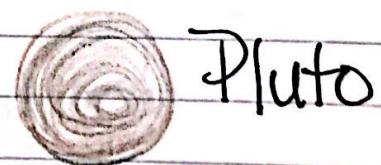
Moons:

- Small natural objects that revolve around a planet
- they get stuck in the planet's gravitational pull due to proximity



Dwarf Planets:

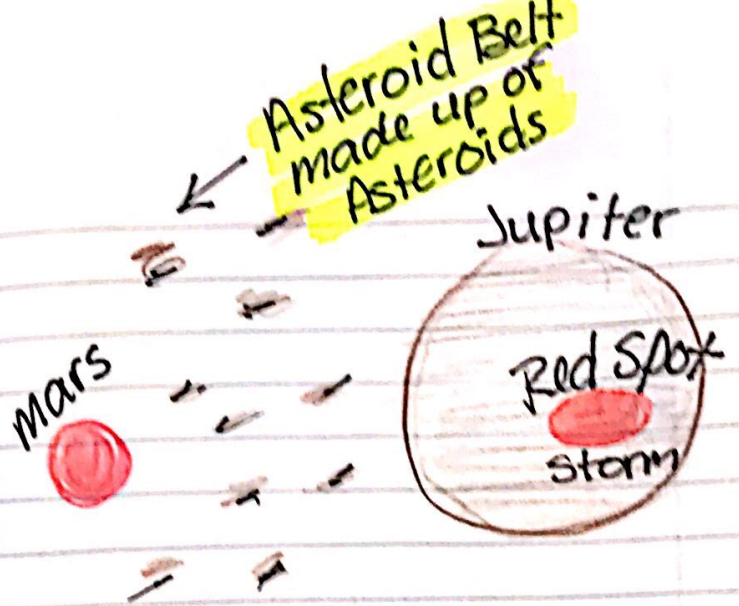
- nearly round body whose orbit crosses another planet's orbit
- * Usually found beyond Neptune → Kuiper Belt



Unit 3 lesson 1 Notes (2)

Asteroids:

- Chunks of rock & Iron objects that orbit the Sun
- * Found between Mars & Jupiter
- "Asteroid Belt"



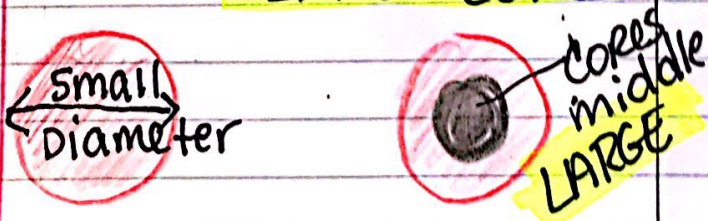
Comets:

- Chunks of frozen gases, rocks, ice & dust
- * long orbits
- * Tails that always point away from the Sun



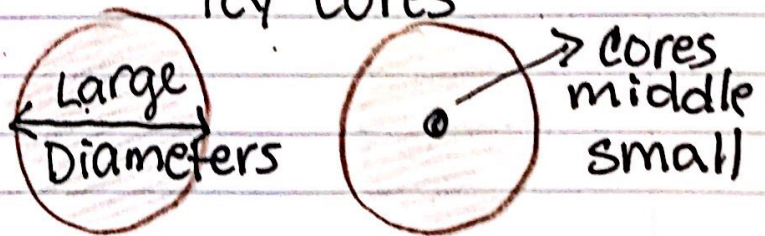
Inner Planets

- Closest to Sun
- Shorter orbits
- Warmer temperatures
- Rocky hard surfaces
- Small diameters / LARGE CORES



Outer Planets

- Farthest from Sun
- Longer orbits
- Colder temperatures
- Thick gaseous surfaces
- Large diameters: "Gas Giants" / Jovian Planets
- Small, solid icy cores



Similarities

- Both orbit (revolve) around Sun
- Both rotate on an axis
- Both have mass