

Give a BRIEF purpose for each mission:

1) Hubble

2) Kepler

3) Spitzer

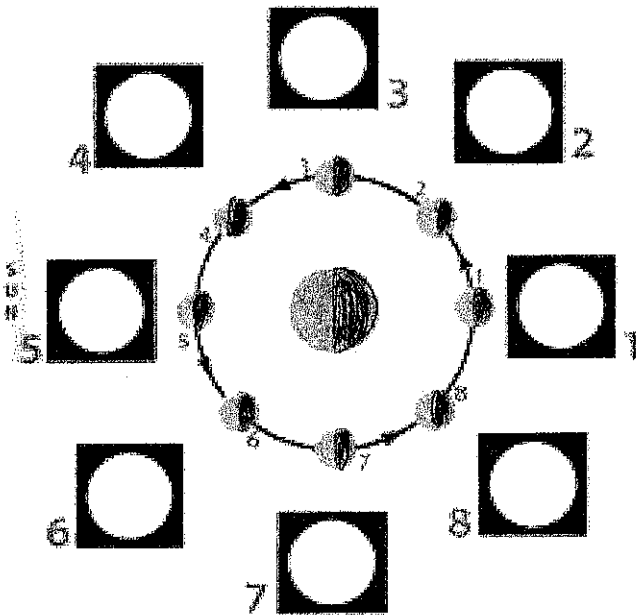
4) Fermi

5) Chandra

6) ISS (International Space Station)

Extra Practice/Review:

Complete the diagram below and label each moon phase:



Concepts to review: Seasons, Eclipses, tides, 3 heat transfers (conduction, convection, radiation), temperature, thermal energy, waves—transverse/longitudinal, electromagnetic spectrum, photon, light, sound, eye, ear, variables, element, matter, density, freezing point, melting point, physical change, chemical change, etc...

Item #: _____

Name: _____

Describe each:

Universe

Galaxy

Solar System

Astronauts are considered to be floating due to the feeling of _____.

Describe a satellite-

Describe a NEO-

Describe a "lander" mission:

A flyby mission can receive information from more than one planet. True/False?

Sun is mostly made up of _____ gas.

Sun is considered to be a _____-sized star.

What part of the Sun can be seen during a TOTAL Solar Eclipse? _____

What is the part of the Sun (visible part of the Sun) we saw with Mr. Randall? _____

Describe a sunspot.

Describe a solar flare.

Describe what causes an aurora (Northern/Southern lights):

What causes the space images to be distorted here on Earth?

Describe an Earth-like planet:

Sketch the planet's size (using different size circles) and list the planets in order starting from the Sun: