

Lesson 1 Study Questions

- 1) What different types of things make up the solar system?

Sun, planets, moons, asteroids, comets, meteoroids

- 2) An asteroid is a rocky object that orbits the sun and are found between Mars and Jupiter.

- 3) A small body made of dust, ice, and frozen gas that orbits the sun is called a

comet.

- 4) What causes the planets to remain in orbit around the sun?

The Sun's gravitational pull

- 5) What causes the Earth's moon to remain in orbit?

The Earth's gravitational pull

Bonus

6) If the Earth and its moon were formed about the same time, why do you think the moon's has more craters than the Earth's surface?

Hint: Has something to do with atmosphere

- 7) What causes craters to form on planets? Is it meteors, meteoroids, or meteorites?