Name\_\_\_\_\_\_\_\_\_\_\_\_\_

**The Universe: How the Solar System was made (DVD)**

1. What are the factors that influence the strength of an object’s gravity?

2. The solar system began as a cloud of dust and gas. What happened to the cloud when it got disturbed by energy from a supernova?

3. What object accounts for most of the mass in the solar system?

4. Accretion is the process by which planets formed and grew bigger. How does accretion work?

5. What is a planetesimal?

6. The outer planets are larger than the inner planets because they had more material to form with. The gravity on those planets was able to attract \_\_\_\_\_\_\_\_\_ making them much, much bigger than the inner planets.

7. Scientists begin to think of the sun as a full-fledged star when it does what?

8. Was Earth always alone? What happened?

9. Is our solar system the only one in the universe or are there others?

10. Why is our solar system considered to be an “odd ball?”