

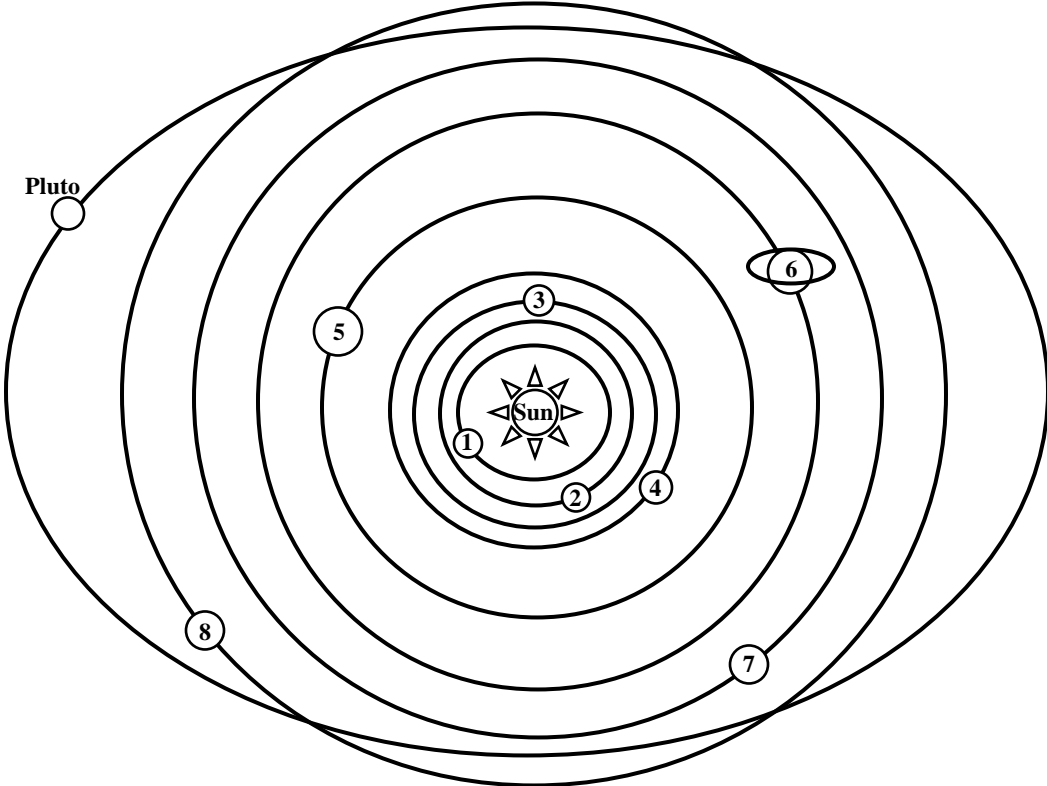
Our Solar System

Teacher Notes

1. Name five objects that make up our solar system. Answers may vary
2. What force prevents the planets and other objects in the solar system from flying off into space? The force that holds objects in their orbits is gravity.
3. Why are there so many craters on the moon? **Craters on the Moon** are caused by asteroids and meteorites colliding with the lunar surface. The Moon's surface is covered with thousands of craters. The moon has little or no atmosphere, so the meteorites reach its surface without burning up.
4. What are two ways that the sun, the Earth, and the moon are alike? Possible Answers: They are all spheres. They are all in the Milky Way Galaxy.
5. What are three ways that the Earth and the moon differ? Possible Answers: The Earth has liquid water. The moon does not have life. The Moon orbits the Earth. The Earth is about four times the size of the Moon.

Directions: Write the names of the planets in our Solar System on the correct lines below.

Our Solar System



Planet Code

- 1. Mercury
- 2. Venus
- 3. Earth
- 4. Mars
- 5. Jupiter
- 6. Saturn
- 7. Uranus
- 8. Neptune

1. B
2. A
3. D
4. C
5. C
6. B
7. C
8. D
9. B
10. C
11. A

True or False

T 12. There is more water on the Earth than on the moon.

T 13. The sun is at the center of our solar system.

F 14. The sun's surface is covered with valleys and mountains.

T 15. There are more craters on the moon's surface than the Earth's surface.

T 16. Earth is larger than the moon but smaller than the sun.

F 17. Weathering and erosion constantly occur on the moon.