

Lesson 4
Earth's Position in Space
Review Sheet

1. Explain the difference between rotation and revolution.
2. How long does the earth take to revolve around the sun?
3. How many hours does it take for the earth to rotate around its axis?
4. What keeps the earth revolving around the sun?
5. What degree tilt does the earth have?
6. Define latitude?
7. Define Longitude?
8. Objects are called planets when they have enough mass to have _____?
9. What is the average distance from the earth to the sun?
10. List all the planets considered gas giants?
11. Which galaxy do we live in?
12. Draw a picture of solar eclipse and label the umbra and penumbra.

13. Draw a picture of a lunar eclipse and label the umbra and penumbra.

14. Explain the difference between a natural and artificial satellite?

15. The moon's gravity is _____ the Earth's Gravity. (write a fraction)

16. How were the dark spots on the moon created?

17. How long does it take the moon to revolve around the earth?

18. Explain earth's wobble?

19. Draw a picture of the tides and label the high and low tides?

20. Explain the difference between a spring tide and a deep tide.

* Make sure you know how to use lines of latitude and longitude on a map. Know where the equator and prime meridian is located.