

Name _____

Space Questions Part 1 (pgs. 40-48)

1. Objects in the solar system orbit the Sun because _____
_____.
2. The Sun contains more than _____ of the solar system's mass.
3. (T/F)Without the Sun's pull, Earth would move off into space in a straight line.
4. Define revolution.

5. How long does it take the Earth to revolve around the Sun once?

6. What is an astronomical unit (AU)?

7. How long is one AU?

8. Define rotation.

9. How long does it take for the Earth to make *one* full rotation?

10. When does an equinox occur?

11. When does a solstice occur?
12. What holds the Moon in orbit around the Earth?
13. As the lit portion of the Moon becomes larger, the Moon is
_____.
14. As the lit portion of the Moon becomes smaller, the Moon is
_____.
15. What are tides?
16. Define eclipse.
17. What happens during a solar eclipse?
18. What happens during a lunar eclipse?