



Name _____

Date _____

#17 - Jupiter's Moons

1. In what year did Galileo discover moons orbiting Jupiter? _____
2. How many of Jupiter's moons are referred to as "Galilean moons"? _____
3. The biggest of Jupiter's moons is _____
4. Ganymede is mostly rock and ice, but it probably has a liquid _____ core
5. Ganymede is crisscrossed with large _____
6. The second biggest of Jupiter's moons is _____
7. The surface of Callisto is mostly _____
8. Which moon is the most volcanic object in the entire solar system? _____
9. Which moon is the smallest of the Gailean moons? _____
10. Which moon has an entire ocean of water sealed up under a solid crust of ice? _____
11. The interiors of Ganymede, Io, and Europa are kept warm by _____
12. Which moon likely has everything it needs to spawn life? _____
13. What is the name for "scientists who study the possibility of life in space"? _____
14. The distance from a star where liquid water can exist on a planet is called the _____
15. When a moon orbits the planet backwards relative to the others, it's called a _____
16. How many confirmed moons does Jupiter have? _____