

Name _____ Date _____ Hour _____

Astronomy #1 - Astronomy Practice

Got It!	Not Yet
19-14	13-0

A Bit of History

1. The study of planets, moons, stars and anything else in outer space research done in the field of _____.
2. Astronomy was the _____ (first, second, third) of the natural sciences.
3. For a time, there were two _____ (Laws, Theories) about whether or not it was the Earth or Sun that was at the center of the Universe.
4. Up until about 500 years ago, people believed that the _____ (Earth, Moon, Sun) was the center of the Universe.

In the table below place a check in the Sun-Centered Universe or Earth Centered Universe Theory.

		Earth-Centered Universe	Sun-Centered Universe
5.	Could explain the irregular looped paths that planets appeared to make.		
6.	Copernicus wrote several books explaining this theory.		
7.	Prior to Copernicus and Galileo, it was the common belief of the people and church.		
8.	Used observations of Venus as evidence to support this theory.		
9.	Transparent spheres turning at different rates would support the moon, planets and stars based on this theory.		

10. Placing the _____ (Earth, Moon Sun) at the center of the Universe could explain more of the observations being made by both Copernicus and Galileo.
11. _____ (Copernicus, Galileo, Kepler) was ultimately sentenced to life in prison because his evidence of a Sun-Centered universe went against the beliefs of powerful people at the time.

The Space Race

12. In the late 50's, what two countries began a "Race" to control outer space?

_____ & _____

13. What event marked the beginning of the race for the two countries?

_____.

14. **Space Race Timeline - Put the events in order from the earliest (1) to most recent (5).**

___ President J.F.Kennedy called the U.S. to send humans to the moon and get them back safely.

___ Explorer I was launched by the U.S.

___ Sputnik 1 was launched by the USSR

___ Apollo 11 landed on the moon.

___ NASA was established

15. What is a satellite?

16. How is an artificial satellite different from a satellite?

17. In order to launch satellites into orbit, a device that propels the satellite into space is typically used.

What type of space device would best fit this job?

_____ (space probe, space shuttle, rocket)

18. Identify three uses of artificial satellites today.

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19. Satellites orbit at different heights depending on their _____.