

Name _____ Date _____ Hour _____

Astronomy #1 - Astronomy ALTERNATE

Got It!	Not Yet
19-14	13-0

1. Astronomy was the first of the _____ sciences.

2. What are three bodies in outer space that an astronomer may study?

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3. In the 1600's there were two theories about the body that was located at the center of our Universe: the _____-centered universe vs. the _____-centered .

4. People believed that the _____ (Earth, Moon, Sun) was the center of the Universe up until the last 500 years.

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

		Earth-Centered Universe	Sun-Centered Universe
5.	Galileo used his observations of Venus as evidence to support this theory.		
6.	The common belief of the powerful people prior to Copernicus and Galileo		
7.	Transparent spheres turning at different rates would support the moon, planets and stars based on this theory.		
8.	Several books explaining this theory were written by Copernicus.		
9.	This theory could explain the irregular looped paths that planets appeared to make.		

10. The observations and evidence provided by Copernicus and Galileo helped to explain why the _____ (Earth, Moon Sun) is at the center of the Universe. .

11. Why was Galileo sentenced to life in prison?

The Space Race

12. In the late 50's, a "Race" to control outer space began between the

_____ & _____

13. Why was the launch of Sputnik 1 such an important event?

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

____ NASA was established

____ Alan B Shepard was the first U.S. citizen in space

____ Sputnik II was launched by the USSR

____ Yuri Gagarin became the first human in space

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

15. Define a satellite and give an example of a natural one?

16. What is the difference between an artificial satellite and satellite?

17. What is a rocket?

18. Identify three uses of artificial satellites today.

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