

Quiz #1: Universe Structure and Objects orbiting the Sun (Quizlets 1 and 2)

BJCAF HGIED LNKM

Matching:

1. B All space and everything in it.
2. J The distance light travels in one second [about 186,000 miles].
3. C The distance from the Sun to the Earth
4. A The Sun and everything that orbits the Sun (planets, comets, and asteroids/meteoroids)
5. F The part of the solar system that is the farthest from the Sun
6. H The part of the solar system that is beyond the outer planets, but is not the farthest part of the solar system from the Sun
7. G The place where most asteroids are found
8. I The distance light travels in one year
9. E Two other names that the inner planets are called
10. D Two other names that the outer planets are called
11. L A rock that orbits the Sun and is pebble sized or smaller
12. N A meteor after it has hit the Earth and is resting somewhere on Earth
13. K A rock that orbits the Sun and is larger than a pebble but smaller than a planet
14. M An asteroid or meteoroid that it is in the process of falling through the Earth's atmosphere from outer space (a "shooting star")

~~A. The Solar System~~

~~B. The Universe~~

~~C. Astronomical Unit (AU)~~

~~D. Gas Giants or Jovian~~

~~E. Terrestrial or Rocky~~

~~F. Oort Cloud~~

~~G. Between the orbits of Mars and Jupiter~~

~~H. Kuiper Belt~~

~~I. Light Year~~

~~J. Light Second~~

~~K. Asteroid~~

~~L. Meteoroid~~

~~M. Meteor~~

~~N. Meteorite~~

15. Where is the Asteroid Belt?
- A. Beyond the Outer Planets
- B. Between the orbits of Mars and Jupiter
- C. Between the Sun and Mercury
- D. Inside the Oort Cloud

16. Why do Meteors give off light?
- A. Their light is a reflection of sunlight.
- B. Their light is produced by friction with the atmosphere
- C. Their light is produced by a chemical reaction.
- D. Their light is produced by compression (squeezing) of the air in front of them.

17. List the Inner Planets in order of their distance from the Sun:

M, V, E, M Mercury, Venus, Earth, Mars

18. List the Outer Planets in order of their distance from the Sun:

J, S, U, N Jupiter, Saturn, Uranus, Neptune

19. List 3 ways that the Outer Planets are different from the Inner Planets (not including that they are farther from the Sun).

colder, larger, rings, more moons, large gas layers