Space Quiz Study Guide

1. Scientists think that our universe is approximately \_\_\_\_\_\_\_ to \_\_\_\_\_\_ billion years old.
2. One piece of evidence that supports the big bang theory is the observation that most   
     
    galaxies are moving \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. The theory astronomers have developed to describe the formation of the universe is   
     
    called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. What type of galaxy is the Milky Way Galaxy? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. What does the prefix “helio” mean? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. What is one piece of evidence used to support the geocentric theory? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
    \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. The geocentric theory states that the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is located in the center of our solar system?
8. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Theory states that the sun is in the center of our solar system.
9. Order these from smallest to largest: solar system, planet, universe, galaxy  
     
    \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
10. The three types of galaxies are:   
      
    \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
11. Our solar system is located in the \_\_\_\_\_\_\_\_\_\_\_\_\_ of the Milky Way Galaxy.  
      
     *(fill in blank and draw picture in box. Draw the Milky Way Galaxy. Place . a heart where our solar system would be located.)*
12. The Milky Way is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in which our \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is located.
13. A theory is backed up by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
14. What includes all the seen and unseen material in space? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
15. Copernicus changed the model of our solar system by stating the Earth orbited the Sun. This changed the thought that the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ was no longer the center of the universe.