Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block \_\_\_

**Assignment #2 Size and Distance in the Universe**

***Directions: Complete the sentences below with information from the video, Light seconds, light years, light centuries: How to measure extreme distances.***

1. In one (1) year light travels about \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ miles, a distance we call one \_\_\_\_\_\_\_\_\_\_\_\_ year.
2. Earth’s Moon is only \_\_\_\_\_ light second from Earth.
3. The nearest star to our Sun is P\_\_\_\_\_\_\_\_\_\_\_\_\_ C\_\_\_\_\_\_\_\_\_\_\_\_\_, 4.2 light years away.
4. The nearest galaxy to our Milky Way galaxy is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and it is about 2.5 million \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ away.

***Directions: Complete the diagram below to illustrate the smallest and biggest objects of the Universe.***

WORD BANK: Solar System Universe Galaxy Asteroid

smallest **BIGGEST**

Earth