**HW: Ch. 3.2 Planet Analysis**

Understanding 1) astronomical units, and 2) the relationship between a planets distance from the sun and its orbital period.

Use pages 84 and 85 in the text to record the data. Then, analyze it to answer the questions.

Write planets in order from closest to the sun to farthest.

|  |  |  |
| --- | --- | --- |
| Planet | Astronomical Units | Orbital Period (Earth Years) |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

What is the basis of the astronomical unit?

What does it mean for Neptune to have a 30.07 AU distance from the sun?

What can you determine about the orbital periods of the planets as the planets get further away from the sun?