**Planet Characteristic Chart Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Planet**  Jovian or Terrestrial | **Size**  Large or small | **Density**  High or low | **Atmosphere**  Thick or thin | **Main Composition**  Rock/metals or gases | **Gravity**  High or low |
| **Mercury** |  |  |  |  |  |
| **Venus** |  |  |  |  |  |
| **Earth** |  |  |  |  |  |
| **Mars** |  |  |  |  |  |
| **Jupiter** |  |  |  |  |  |
| **Saturn** |  |  |  |  |  |
| **Uranus** |  |  |  |  |  |
| **Neptune** |  |  |  |  |  |

**Questions**

What is a nebula?

Planetesimals are small bodies that can grow into planets. Name and describe the process by which planetesimals grow.

Do you notice a pattern occurring with planet size and distance from the sun? If so, describe the pattern and explain why this happens.

Do you notice a pattern occurring with planet density and distance from the sun? If so, describe the pattern and explain why this happens.

Choose another pattern that occurs with planet characteristics and explain why it occurs.