**STUDENT WORKSHEET**

**Planet Size Chart**

Calculate the scale size for each solar system object. Choose a scale size for Earth (10 centimeters, for example) and multiply each planet’s size compared to Earth by that number. Choose larger or smaller sizes for Earth’s scale size to calculate larger or smaller sizes for other planets.

|  |  |  |
| --- | --- | --- |
| **Object** | **Size compared to Earth**  **(diameter)** | **Scale size**  **(centimeters)** |
| Sun | 109 |  |
| Mercury | 0.4 |  |
| Venus | 0.9 |  |
| Earth | 1.0 |  |
| Mars | 0.5 |  |
| Jupiter | 11.2 |  |
| Saturn | 9.5 |  |
| Uranus | 4.0 |  |
| Neptune | 3.9 |  |