**Walk to Pluto:** Scale Model of the Solar System

Copy and complete this table:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Body* | *Diameter**(km)* | ÷*Scale* | *Scale Diameter**(mm/cm)* | *÷2* | *Scale Radius**(mm/cm)* | *Distance* *(km)* | *÷ Scale* | *Scale Distance (mm/m)* |
| [**Sun**](http://www.nineplanets.org/sol.html) | **1391900** | *5568* | 250/25 | ÷2 | 125/12.5 | **N/A** | *5568* |  |
| [**Mercury**](http://www.nineplanets.org/mercury.html) | **4866** |  |  |  |  | **57,950,000** | *5568* | 10,407/10.4 |
| [**Venus**](http://www.nineplanets.org/venus.html) | **12106** |  |  |  |  | **108,110,000** |  |  |
| [**Earth**](http://www.nineplanets.org/earth.html) | **12742** |  |  |  |  | **149,570,000** |  |  |
| **Moon** | **3478** |  |  |  |  | *384 ,000**from Earth!* |  |  |
| [**Mars**](http://www.nineplanets.org/mars.html) | **6760** |  |  |  |  | **227,840,000** |  |  |
| **Ceres** | **950** |  |  |  |  | **414,000,000** |  |  |
| [**Jupiter**](http://www.nineplanets.org/jupiter.html) | **142984** |  |  |  |  | **778,140,000** |  |  |
| [**Saturn**](http://www.nineplanets.org/saturn.html) | **116438** |  |  |  |  | **1427,000,000** |  |  |
| [**Uranus**](http://www.nineplanets.org/uranus.html) | **46940** |  |  |  |  | **2,870,300,000** |  |  |
| [**Neptune**](http://www.nineplanets.org/neptune.html) | **45432** |  |  |  |  | **4,499,900,000** |  |  |
| [**Pluto**](http://www.nineplanets.org/pluto.html) | **2274** |  |  |  |  | **5,913,000,000** |  |  |
| **Eris** | **1,445** |  |  |  |  | **10,200,000,000** |  |  |

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