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| **GRAPHING THE PROPERTIES OF THE PLANETS** | | | | | | | | |
|  | Mercury | Venus | Earth | Mars | Jupiter | Saturn | Uranus | Neptune |
| Diameter (Earth=1) | 0.382 | 0.949 | 1 | 0.532 | 11.209 | 9.44 | 4.007 | 3.883 |
| Mass (Earth=1) | 0.055 | 0.815 | 1 | 0.107 | 318 | 95 | 15 | 17 |
| Mean Distance from Sun (AU) | 0.39 | 0.72 | 1 | 1.52 | 5.2 | 9.54 | 19.18 | 30.06 |
| Orbital Period (Earth years) | 0.24 | 0.62 | 1 | 1.88 | 11.86 | 29.46 | 84.01 | 164.8 |
| Mean Orbital Velocity (km/Sec) | 47.89 | 35.03 | 29.79 | 24.13 | 13.06 | 9.64 | 6.81 | 5.43 |
| Rotation Period (in Earth days) | 58.65 | 243 | 1 | 1.03 | 0.41 | 0.44 | 0.72 | 0.72 |
| Mean Temperature at Surface (°C) | 167 | 464 | 15 | -65 | -110 | -140 | -195 | -200 |
| Gravity at Equator (Earth=1) | 0.38 | 0.9 | 1 | 0.38 | 2.64 | 0.93 | 0.89 | 1.12 |
| Mean Density (g/mL) | 5.43 | 5.25 | 5.52 | 3.93 | 1.33 | 0.71 | 1.24 | 1.67 |
| Number of Moons | 0 | 0 | 1 | 2 | 79 | 62 | 27 | 14 |