

## Planet Matrix

Name	Diameter (km)	No. of Moons	Year Discovered	Day Length (rotation period)	Surface Gravity m/s <sup>2</sup>	Orbit Distance (km)
Mercury	4,878	0	known by the ancients	58 days	3.7	57,900,000
Venus	12,104	0	known by the ancients	243 days	8.9	108,160,000
Earth	12,756	1	unknown	1 day	9.8	149,600,000
Mars	6,794	2	known by the ancients	1 day 37 minutes	3.7	227,936,640
Jupiter	142,984	79	known by the ancients	10 hours	24.8	778,369,000
Saturn	120,536	63	known by the ancients	11 hours	10.4	1,427,034,000
Uranus	51,118	27	1781	17 hours	8.9	2,870,658,186
Neptune	49,532	14	1846	16 hours	11.2	4,496,976,000