



Make Your Own Solar System

Planetary Data

Additional Data

The Sun has a mass of 2,000,000,000,000,000,000,000,000,000 kg (that's a 2 followed by 30 zeros).

Another way to represent this number is 2×10^{30} kg

Planet	Number of moons	Mass (kg)	Length of 'day'	Length of 'year'
Mercury	0	3.3×10^{23}	176 days	88 days
Venus	0	4.9×10^{24}	117 days	225 days
Earth	1	6.0×10^{24}	24 hours	365.24* days
Mars	2	6.4×10^{23}	24.6 days	687 days
Jupiter	63	1.9×10^{27}	10 hours	12 years
Saturn	62	5.7×10^{26}	11 hours	29 years
Uranus	27	8.7×10^{25}	17 hours	84 years
Neptune	13	1.0×10^{26}	16 hours	164 years

* Because the length of the Earth's year isn't exactly 365 days, we need Leap Years. Every fourth year, we have an extra day, except at the turn of a century, unless it's a 400th year. So 2012 is a Leap Year, 2000 was a Leap Year, but 2100 won't be a Leap Year.