

## Real and Scaled Distances of the Planets

	<b>Real Distance from the Sun (average)</b>	<b>Scaled Distance from the Sun (average)</b>	<b>Steps, 1 m Each (from previous planet)</b>
<b>Sun</b>	—	—	—
<b>Mercury</b>	58 million km		6
<b>Venus</b>	108 million km		5
<b>Earth</b>	150 million km	15 m	4
<b>Mars</b>	228 million km		8
<b>Jupiter</b>	778 million km		55
<b>Saturn</b>	1,427 million km		65
<b>Uranus</b>	2,871 million km		144
<b>Neptune</b>	4,497 million km		163
<b>Pluto</b>	5,913 million km		140

The *scale factor* is 1 to 10 billion. Every meter in this scale model solar system represents 10 billion meters in the real solar system. Similarly, every step in the scale model solar system represents 10 billion steps in the real solar system!