

Real and Scaled Distances of the Planets

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

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!