

## Putting the Distances of the Planets of the Solar System to Scale

Sun	Mercury	Venus	Earth	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto
	Half-way between Venus and the Sun	3/4 between Earth and the Sun	Two-thirds between Mars and the Sun	One-third between Jupiter and the Sun	Half between Saturn and the Sun	Half between Uranus and the Sun	Middle of Solar System	Half-way between Uranus and Pluto	End of Solar System
	(Venus times .5)	(Earth times .75)	(Mars Times .67)	(Jupiter times .33)	(Saturn times .5)	(Uranus times .5)	(Pluto times .5)	(Pluto times .75)	(Whatever number )
90 inches	104 yds	195 yds	269 yds	409 yds	0.8 mi	1.46 mi	2.9 mi	4.6 mi	6 mi
2.4 meters	95.2 meters	177.9 meters	246.1 meters	374.8 meters	1280 meters	2350 meters	4728 meters	7407 meters	9728 meters

## Putting the Sizes of the Planets of the Solar System to Scale

Sun	Mercury	Venus	Earth	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto
<b>582 times greater than Pluto</b>	<b>2.6 times greater than Pluto</b>	<b>5 times greater than Pluto</b>	<b>5.3 times greater than Pluto</b>	<b>2.8 times greater than Pluto</b>	<b>59.8 times greater than Pluto</b>	<b>50.4 times greater than Pluto</b>	<b>21.4 times greater than Pluto</b>	<b>20.7 times greater than Pluto</b>	<b>Start Pluto with any number</b>
90 in	5/16 inches .31 inches	3/4 inches .78 inches	13/16 inches .83 inches	1/2 inches .44 inches	9 1/4 inches 9.27 inches	7 7/8 inches 7.81 inches	3 3/8 inches 3.31 inches	3 1/4 inches 3.21 inches	1/8 inches .15 inches
240 cm (90 in.)	.83 cm	2.0 cm	2.1 cm	1.2 cm	24.7 cm	20.8 cm	8.8 cm	8.2 cm	.4 cm

## Putting the Sizes and Distances of the Planets of the Solar System to Scale Together

Sun	Mercury	Venus	Earth	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto
90 inches Distance	104 yards	195 yards	269 yards	409 yards	1,408 yds 0.8 mi	2569.6 yds 1.46 mi	5,104 yds 2.9 mi	8,096 yds 4.6 mi	10,560 yds 6 mi
90 inches Size	5/16 inches .31 inches	3/4 inches .78 inches	13/16 inches .83 inches	1/2 inches .44 inches	9 1/4 inches 9.27 inches	7 7/8 inches 7.81 inches	3 3/8 inches 3.31 inches	3 1/4 inches 3.21 inches	1/8 inches .15 inches
2.4 meters Distance	95.2 meters	177.9 meters	246.1 meters	374.8 meters	1280 meters	2350 meters	4728 meters	7407 meters	9728 meters
240 cm Size	.83 cm	2.0 cm	2.1 cm	1.2 cm	24.7 cm	20.8 cm	8.8 cm	8.2 cm	.4 cm