

Distances Between Planets

On this scale the Sun is 2 cm in diameter. The number of steps is counted FROM one planet to the next one. So, 2.8 steps (approx. 3) from the Sun to Mercury, 2.4 (approx. 2.5) from Mercury to Venus etc. The distances, however, are always given as FROM the Sun, in case the teacher wants to use a measuring tape extending outward.

Planet	Distance (m)	Number of Steps from Last Planet Location
Mercury	0.84	2.8
Venus	1.55	2.4
Earth	2.15	4.8
Mars	3.27	6.1
Jupiter	11.18	31.2
Saturn	20.53	37.3
Uranus	41.32	100.5
Neptune	64.72	115.3
Pluto	84.91	167.7