

Sun=Basketball

Object	Actual Distance (km)	Scientific Notation	Scaled Distance (m)	Actual Diameter (km)	Scientific Notation	Scaled Diameter (cm)	Real Object
Sun	0	0	0	1391900	1.39E+06	25.00	
Mercury	57950000	5.795 x 10 ⁷ km	10	4880	4.88E+03	0.09	
Venus	108110000	1.0811 x 10 ⁸ km	19	12102	1.21E+04	0.22	
Earth	149570000	1.4957 x 10 ⁸ km	27	12756	1.28E+04	0.23	
Mars	227840000	2.2784 x 10 ⁸ km	41	6794	6.79E+03	0.12	
Jupiter	778140000	7.7814 x 10 ⁸ km	140	142984	1.43E+05	2.57	
Saturn	1427000000	1.427 x 10 ⁹ km	256	120536	1.21E+05	2.16	
Uranus	2870300000	2.8703 x 10 ⁹ km	516	51118	5.11E+04	0.92	
Neptune	4499900000	4.4999 x 10 ⁹ km	808	49528	4.95E+04	0.89	
Proxima Centauri	4.13E+013	4.13 x 10 ¹³ km	7417918	201695	2.02E+05	3.62	
BONUSES	Distance from Earth		Scaled, in cm			0.00	
Moon	384403	3.844 x 10 ⁵ km	6.9	3476	3.48E+03	0.06	
Saturn's Rings:	Distance from Saturn's center						
Inside of D ring	66900	6.69 x 10 ⁴ km	1.2				
Outside of G ring	175000	1.75 x 10 ⁵ km	3.1				