

THE SOLAR SYSTEM (IN KILOMETERS)

Teacher Answer Key

Body	Equatorial Diameter in kilometers	Mean Distance from Sun in millions of km	Circumference 10^6 km	Volume 10^6 km ²	Minimum Distance from Earth 10^6 km	Diameter with respect to Earth	Time by Jet from Earth @ 1300 km/hr	Time by Rocket from Earth @ 40,000 km/hr	Light Year Time from Earth @ 300,000 km/sec
Sun	1 392 000	---	4373096.9	1.41×10^{18}	149.6	109.13	115076 h	3740 h	498.7 sec
Mercury	4 880	57.9	15331.0	6.08×10^{10}	91.7	0.38	70538 h	2292.5 h	305.7 sec
Venus	12 100	108.2	38013.3	9.28×10^{11}	41.4	0.95	31846 h	1035 h	138 sec
Earth	12 756	149.6	40074.2	1.09×10^{12}	0	1.00	0 h	0 h	0 sec
Mars	6 786.8	227.9	21321.4	1.64×10^{11}	78.3	0.53	60231 h	1957.5 h	261 sec
Jupiter	143 200	778.3	449876.1	1.54×10^{15}	628.7	11.23	483615 h	15717.5h	2095.7 sec
Saturn	120 000	1 427	376991.1	9.05×10^{14}	1 277.4	9.41	982615 h	31935h	4258 sec
Uranus	51 800	2 871	162734.5	7.28×10^{13}	2 721.4	4.06	2093385 h	68035h	9071.3 sec
Neptune	49 528	4 497	155596.8	6.36×10^{13}	4 347.4	3.88	3344154 h	108685 h	14491.3 s
Pluto	2 330	5 913	7319.9	6.62×10^9	5 764.4	0.18	4433846 h	144110h	19214.7 s