

# *A Model of the Sun, Planets, Moon, and Nearest Star*

(The *EARTH* the size of a basketball)

	<u><i>Scale Diameter</i></u> (in/ft)	<u><i>Scale Distance to Sun</i></u> (mi)
SUN	85.5 ft	
MERCURY	3.59 in	0.67 mi
VENUS	8.92 in	1.26 mi
EARTH	9.39 in	1.74 mi
MOON	2.56 in (24 ft to earth)	
MARS	4.98 in	2.65 mi
JUPITER	8.57 ft	9.05 mi
SATURN	7.15 ft	16.6 mi
URANUS	34.6 in	33.39 mi
NEPTUNE	33.49 in	53.35 mi
PLUTO	1.68 in	68.80 mi

***ALPHA CENTARI***  
(nearest star to the sun)

***469966 Miles***