

Sheet1

AS-EASY-AS for Win95 Sample worksheet (based on sample from ASPIRE Workshop)
Calculates radii and distances for building an orbital model

Real Distance: 6378
Model Distance: 1
Scaled Units: cm

#NAME?

PLANET NAME	DISTANCE FROM THE SUN (km)
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Sun	0
Mercury	57,910,000
Venus	108,200,000
Earth	149,600,000
Mars	227,940,000
Jupiter	778,000,000
Saturn	1,429,000,000
Uranus	2,870,990,000
Neptune	4,504,300,000
Pluto	5,913,520,000

MOON NAME	DISTANCE FROM THE PLANET (km)
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Moon	384,000
Ganymede	1,070,000
Callisto	1,883,000
Io	422,000
Europa	671,000
Titan	1,222,000
Triton	355,000
Charon	19,640

Sheet1

(It is recommended that the earth's radius is used)

(Setting this to 1 makes building the model easier)

(This is calculated by the program)

RADIUS (km)	MODEL DISTANCE	MODEL MODEL RADIUS UNITS
697,000	0.0	109.3 cm
2,439	9079.6	0.4 cm
6,052	16964.6	0.9 cm
6,378	23455.6	1.0 cm
3,398	35738.5	0.5 cm
71,492	121981.8	11.2 cm
60,268	224051.4	9.4 cm
25,559	450139.5	4.0 cm
24,764	706224.5	3.9 cm
1,160	927174.7	0.2 cm

RADIUS (km)	MODEL DISTANCE	MODEL MODEL RADIUS UNITS	THIS MOON ORBITING
1,738	60.2	0.3 cm	Earth
2,631	167.8	0.4 cm	Jupiter
2,400	295.2	0.4 cm	Jupiter
1,815	66.2	0.3 cm	Jupiter
1,569	105.2	0.2 cm	Jupiter
2,575	191.6	0.4 cm	Saturn
1,353	55.7	0.2 cm	Neptune
635	3.1	0.1 cm	Pluto