

(Not drawn to scale)

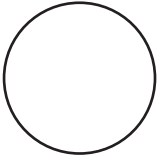
Barringer Crater, Arizona, U.S.A. (photo courtesy of NASA)



Data Table

Name	Average Diameter (kilometers)	Period of Revolution (years)
Ceres	848.4	4.60
Pallas	498.1	4.61
Juno	247.0	4.36
Vesta	468.3	3.63

Earth



Mercury



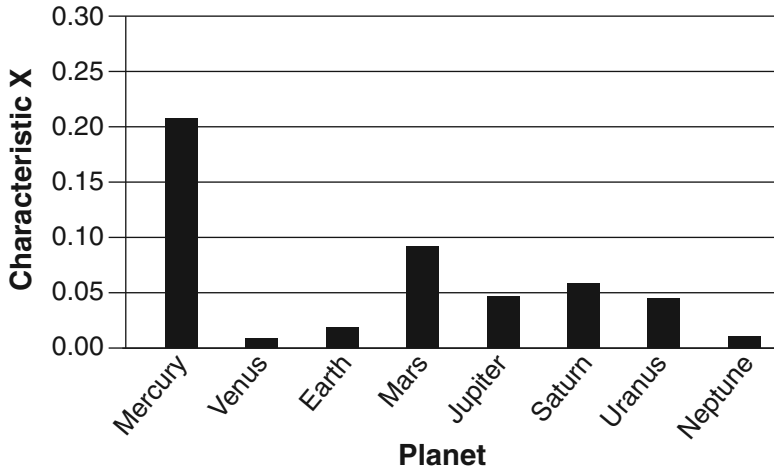


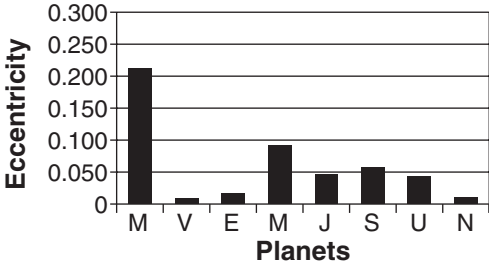
Earth

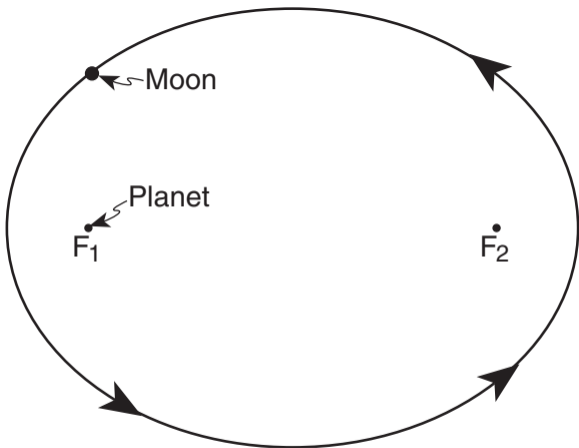


Venus

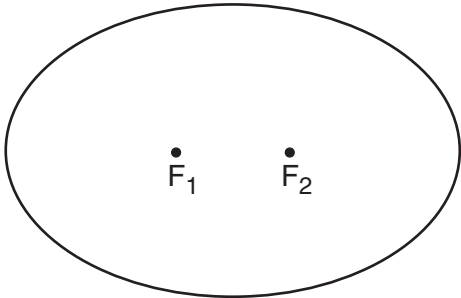
Planet Characteristic

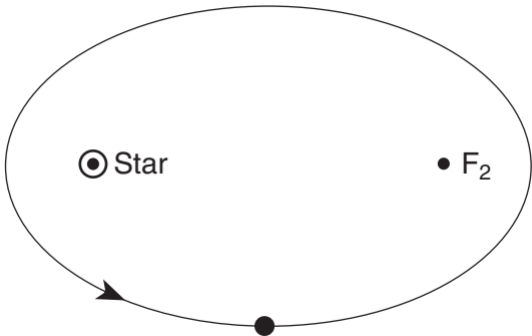


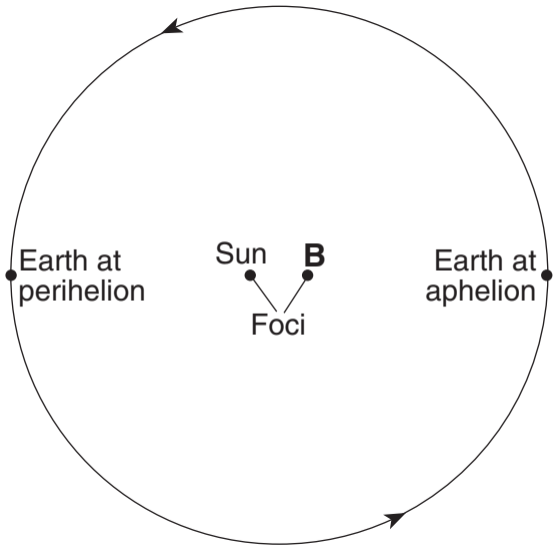




(Drawn to scale)







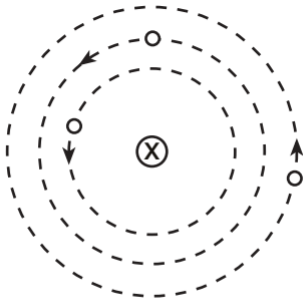


F_1

+

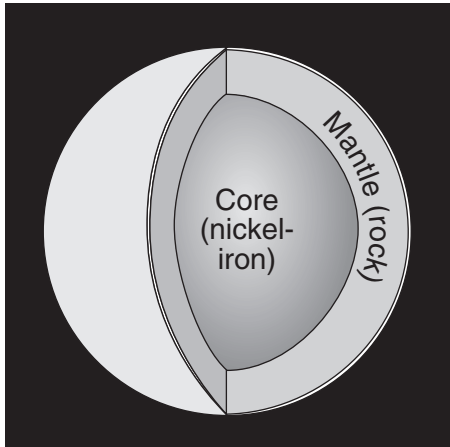
F_2

+

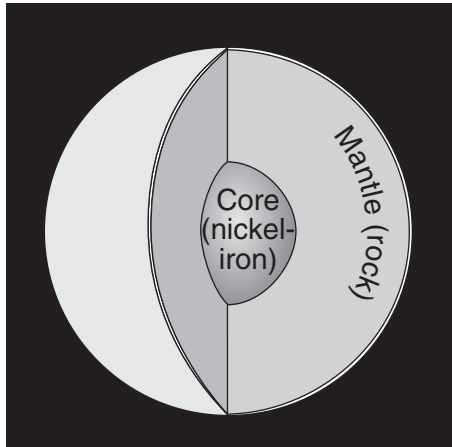


(Not drawn to scale)

Mercury



Venus

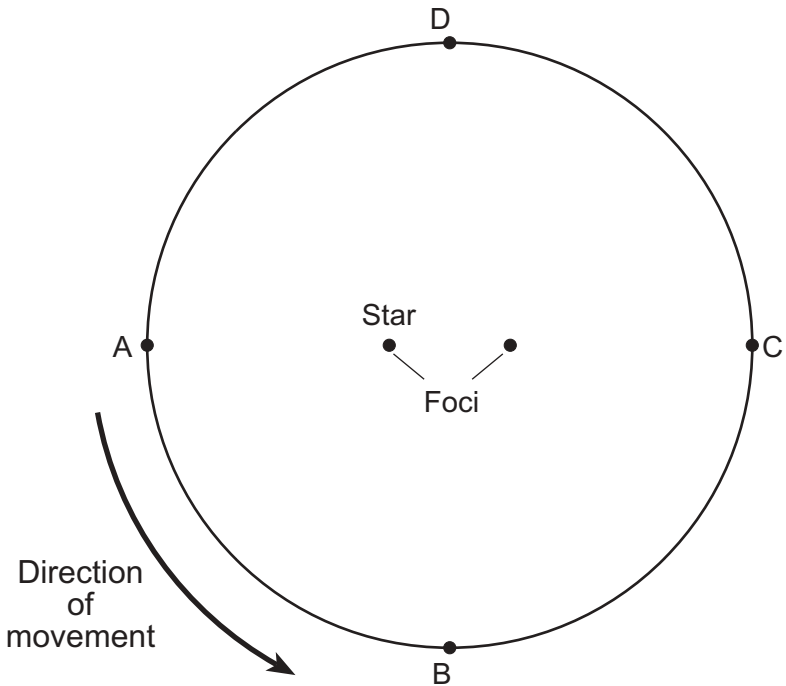


Data Table

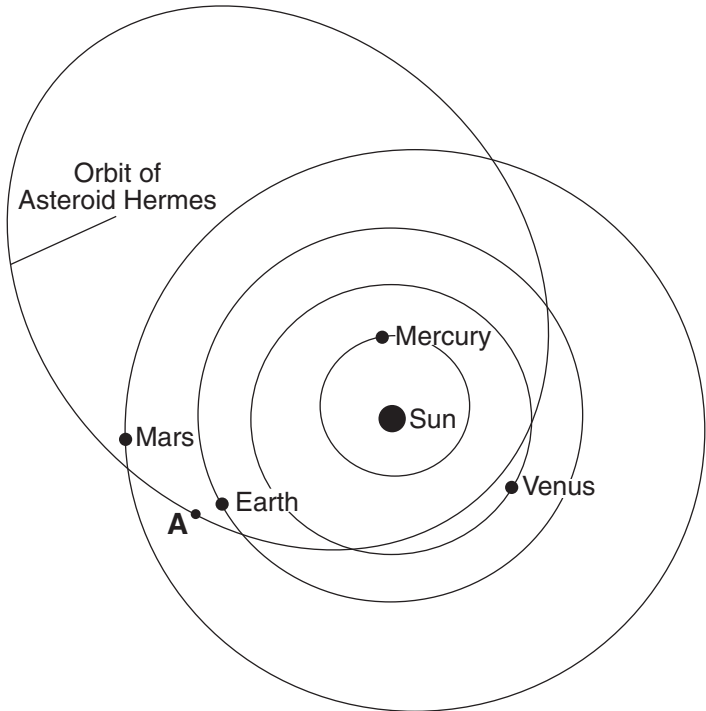
Moons of Jupiter	Density (g/cm³)	Diameter (km)	Distance from Jupiter (km)
Io	3.5	3630	421,600
Europa	3.0	3138	670,900
Ganymede	1.9	5262	1,070,000
Callisto	1.9	4800	1,883,000

Kuiper Belt Data

Kuiper Belt Objects	Orbit Characteristics			Approximate Equatorial Diameter (km)
	Closest Distance to the Sun (AU)	Farthest Distance from the Sun (AU)	Eccentricity	
Varuna	40.47	45.13	0.053	900
Eris	37.77	97.56	0.442	2400
Quaoar	41.92	45.28	0.039	1260
Sedna	76.15	975.05	0.855	1500
Ixion	30.04	49.36	0.243	1065

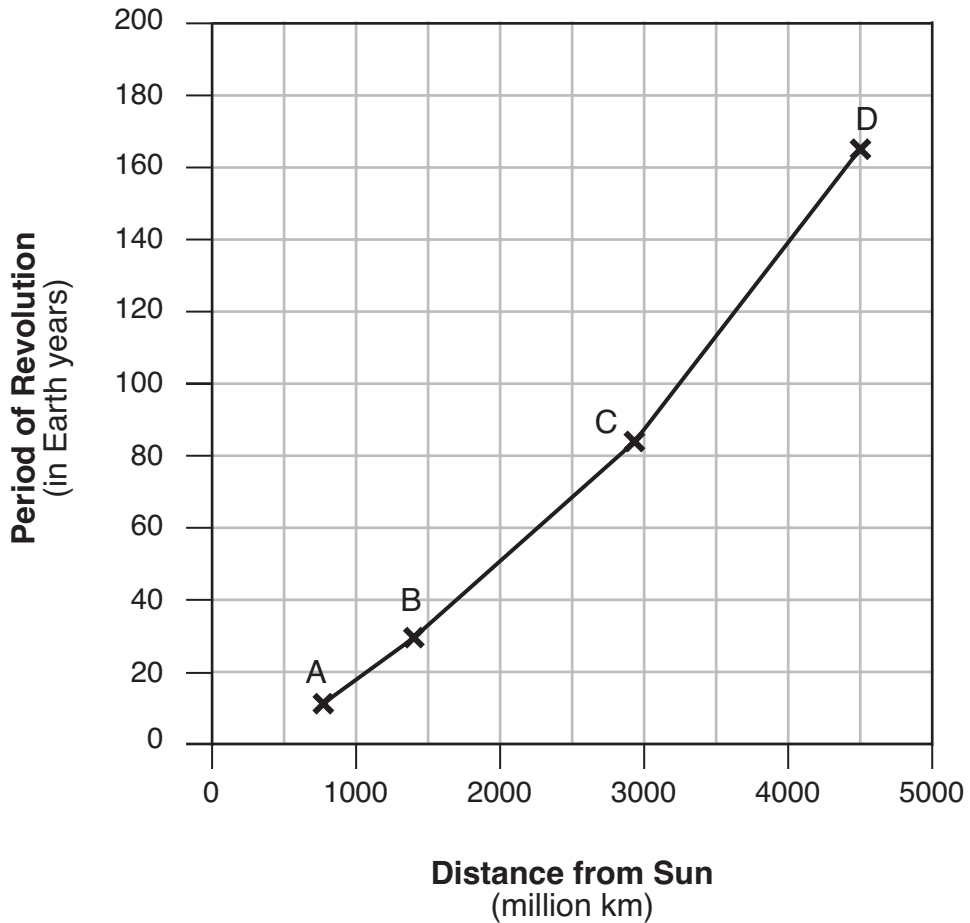


(Drawn to scale)



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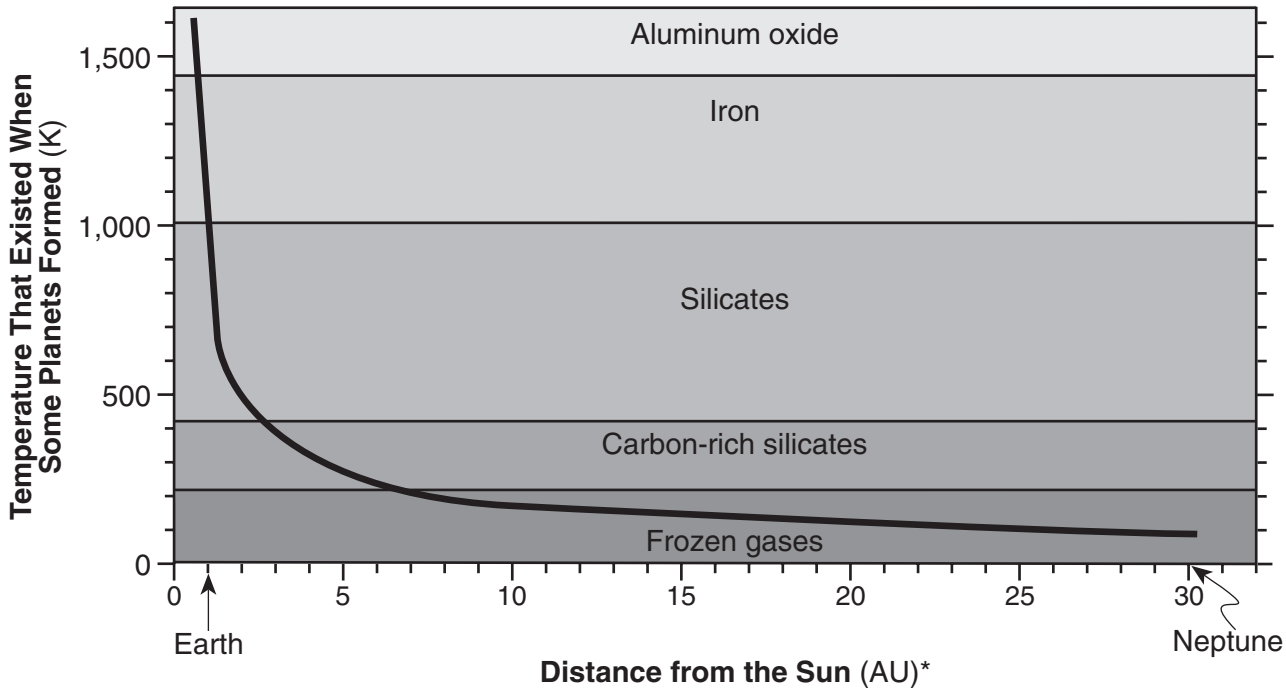
Periods of Planetary Revolution



Data Table

Planet	Average Distance from Sun (millions of km)	Average Surface Temperature (°C)	Average Orbital Velocity (km/sec)
Mercury	58	167	47.9
Venus	108	457	35.0
Earth	150	14	29.8
Mars	228	-55	24.1
Jupiter	778	-153	13.1
Saturn	1427	-185	9.7
Uranus	2869	-214	6.8
Neptune	4496	-225	5.4

Main Composition of Planets



Month	Altitude	Compass Direction
April	20°	SW
May	23°	SSW
June	25°	S
July	29°	SSE
August	33°	SE
September	38°	S
October	42°	SW
November	45°	S

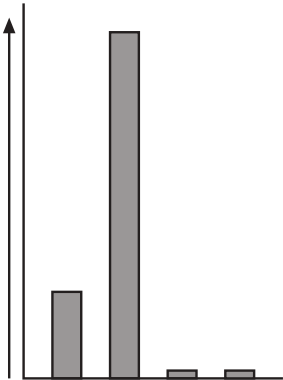


Jupiter



Planet A

Period of Rotation



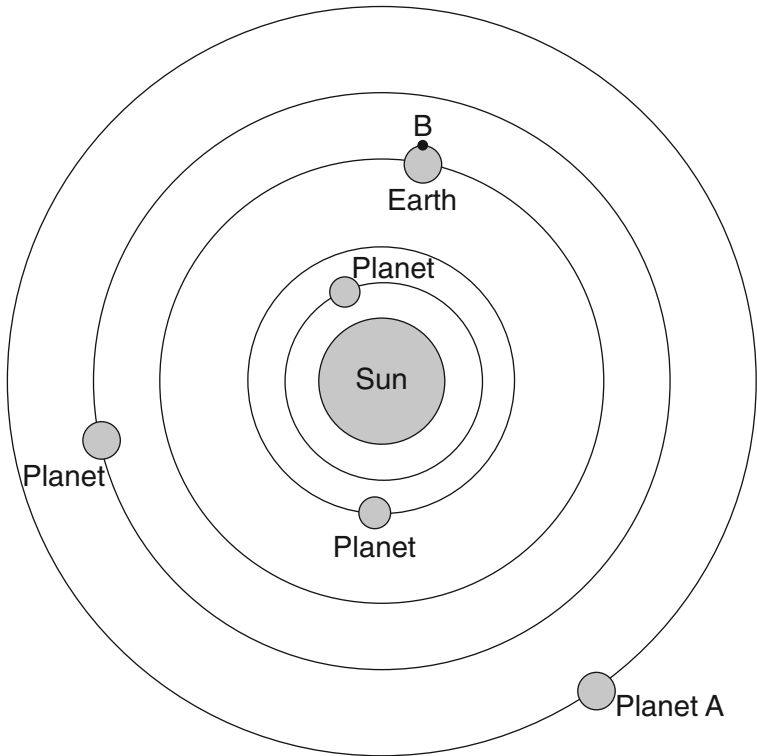
Mercury

Venus

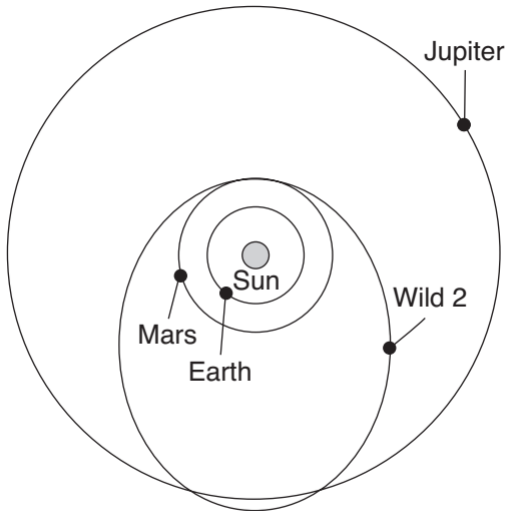
Earth

Mars

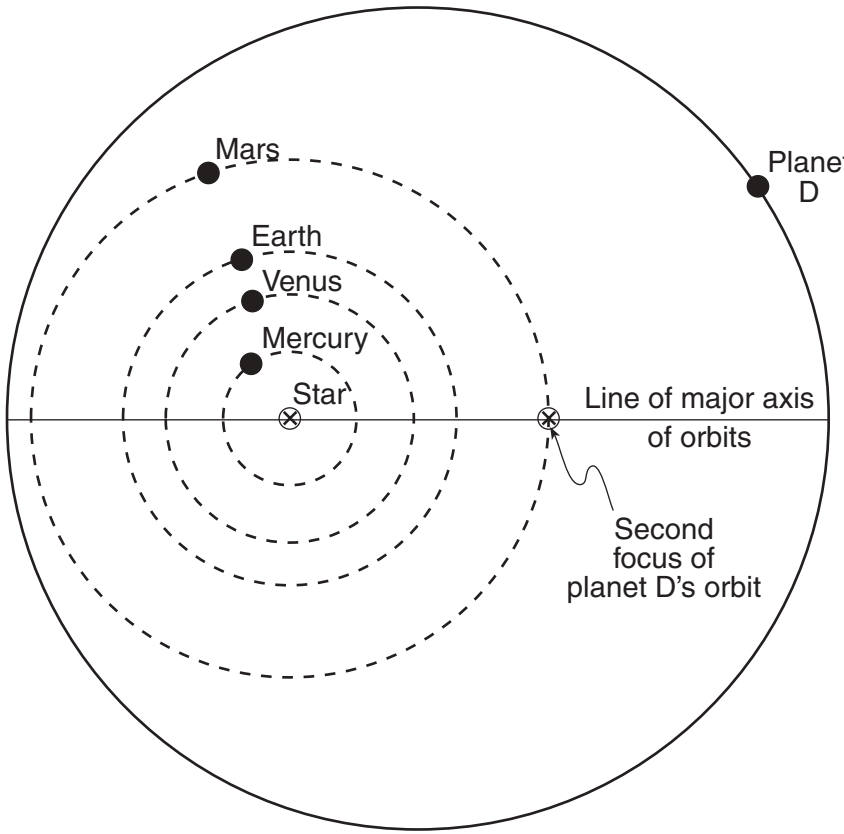
Planet



(Not drawn to scale)



(Not drawn to scale)



Mars

Planet D

Earth

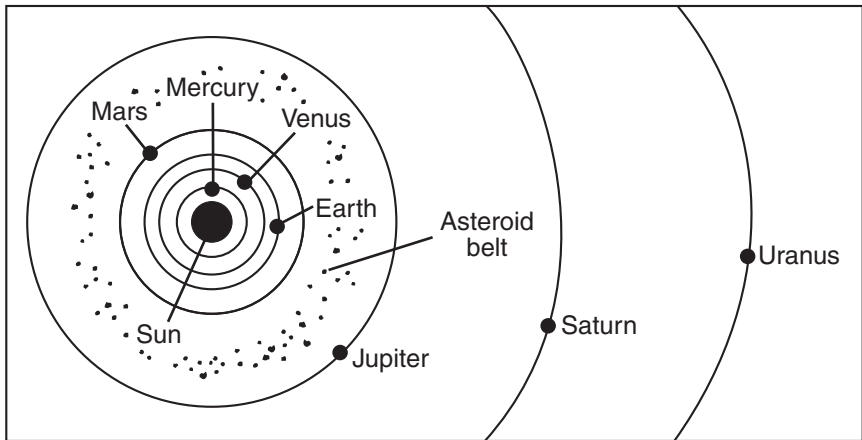
Venus

Mercury

Star

Line of major axis
of orbits

Second
focus of
planet D's orbit



(Not drawn to scale)

