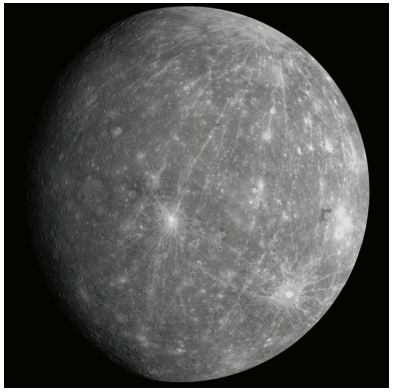


Mercury

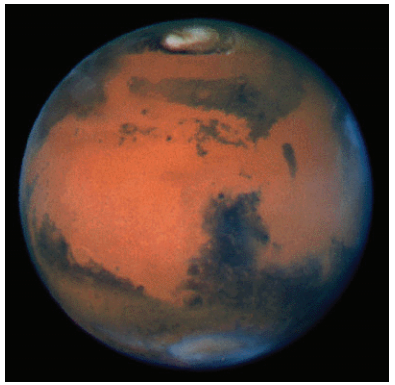
Mean Radius: (km):	**2440**
Density (g/cm^3):	**5.4**
Mass (kg):	**3.3×10^{23}**
Atmosphere? If yes, composition:	**He, Na, O_2**
Orbits…	**The Sun**
Average distance from body it orbits (km):	**57 million**
Period of orbit (yrs):	**0.24**
Period of spin (hrs):	**1407.5**
Known satellites (moons):	**none**

Venus

Mean Radius: (km):	**6052**
Density (g/cm^3):	**5.2**
Mass (kg):	**48.7×10^{23}**
Atmosphere? If yes, composition:	**CO_2, N_2**
Orbits…	**The Sun**
Average distance from body it orbits (km):	**108 million**
Period of orbit (yrs):	**0.62**
Period of spin (hrs):	**-5823.4**
Known satellites (moons):	**none**

Earth

Mean Radius: (km):	**6371**
Density (g/cm^3):	**5.5**
Mass (kg):	**59.7×10^{23}**
Atmosphere? If yes, composition:	**N_2, O_2**
Orbits…	**The Sun**
Average distance from body it orbits (km):	**149 million**
Period of orbit (yrs):	**1**
Period of spin (hrs):	**23.9**
Known satellites (moons):	**1; The Moon**

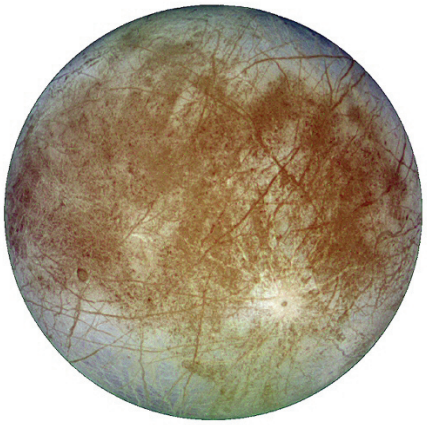


Mars

Mean Radius: (km):	**3390**
Density (g/cm^3):	**3.9**
Mass (kg):	**6.4×10^{23}**
Atmosphere? If yes, composition:	**CO_2, N_2, Ar**
Orbits…	**The Sun**
Average distance from body it orbits (km):	**227 million**
Period of orbit (yrs):	**1.88**
Period of spin (hrs):	**24.6**
Known satellites (moons):	**2; Phobos, Deimos**

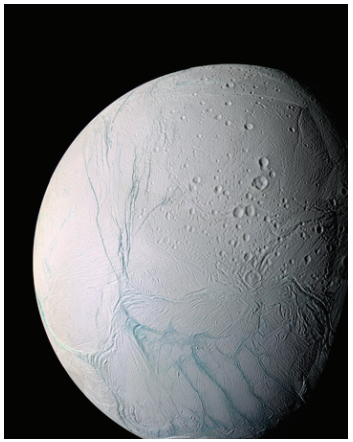
The Moon

Mean Radius: (km):	**1738**
Density (g/cm^3):	**3.3**
Mass (kg):	**0.74×10^{23}**
Atmosphere? If yes, composition:	**Basically none**
Orbits…	**Earth**
Average distance from body it orbits (km):	**384,000**
Period of orbit (days):	**27.3**
Period of spin (hrs):	**655 (or 27.3 days!)**
Known satellites (moons):	**It is a moon**



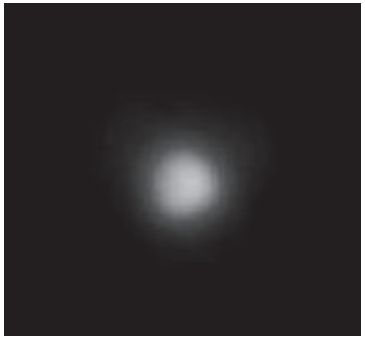
Europa

Mean Radius: (km):	**1569**
Density (g/cm^3):	**3.0**
Mass (kg):	**0.48×10^{23}**
Atmosphere? If yes, composition:	**Tenuous: O_2, H_2**
Orbits…	**Jupiter**
Average distance from body it orbits (km):	**671,000**
Period of orbit (days):	**3.6**
Period of spin (hrs):	**86.4 (or 3.6 days)**
Known satellites (moons):	**It is a moon**



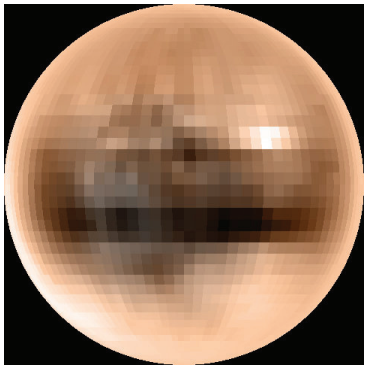
Enceladus

Mean Radius: (km):	**249**
Density (g/cm^3):	**1.2**
Mass (kg):	**0.00073×10^{23}**
Atmosphere? If yes, composition:	**Localized water vapor**
Orbits…	**Saturn**
Average distance from body it orbits (km):	**238,000**
Period of orbit (days):	**1.37**
Period of spin (hrs):	**32.9 (1.37 days!)**
Known satellites (moons):	**It is a moon**



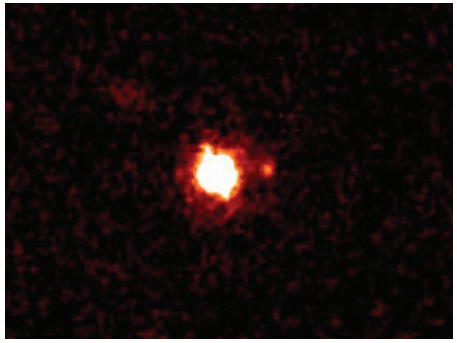
Charon

Mean Radius: (km):	**593**
Density (g/cm^3):	**1.2**
Mass (kg):	**0.016×10^{23}**
Atmosphere? If yes, composition:	**None?**
Orbits…	**Pluto**
Average distance from body it orbits (km):	**19,600**
Period of orbit (days):	**6.39**
Period of spin (hrs):	**153.3 (or 6.39 days!)**
Known satellites (moons):	**It is a moon**



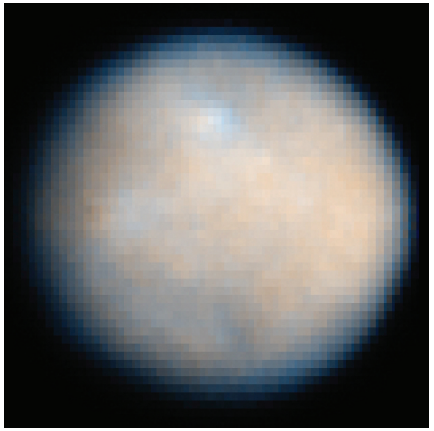
Pluto

Mean Radius: (km):	**1150**
Density (g/cm^3):	**About 2**
Mass (kg):	**0.13×10^{23}**
Atmosphere? If yes, composition:	**N_2, CH_4, CO**
Orbits…	**The Sun**
Average distance from body it orbits (km):	**5,914 million**
Period of orbit (yrs):	**247.9**
Period of spin (hrs):	**153.3 (or 6.39 days!)**
Known satellites (moons):	**3;Charon, Nix, Hydra**



Eris

Mean Radius: (km):	**~1200**
Density (g/cm^3):	**2.3**
Mass (kg):	**0.166×10^{23}**
Atmosphere? If yes, composition:	**?**
Orbits…	**The Sun**
Average distance from body it orbits (km):	**8,826 million**
Period of orbit (yrs):	**560**
Period of spin (hrs):	**?**
Known satellites (moons):	**1; Dysnomia**



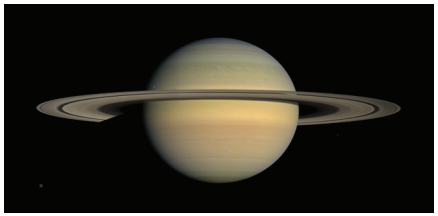
Ceres

Mean Radius: (km):	**467**
Density (g/cm^3):	**~2.1**
Mass (kg):	**$.008 \times 10^{23}$**
Atmosphere? If yes, composition:	**Maybe!**
Orbits…	**The Sun**
Average distance from body it orbits (km):	**413 million**
Period of orbit (yrs):	**4.6**
Period of spin (hrs):	**9.1**
Known satellites (moons):	**none**

Tempel 1

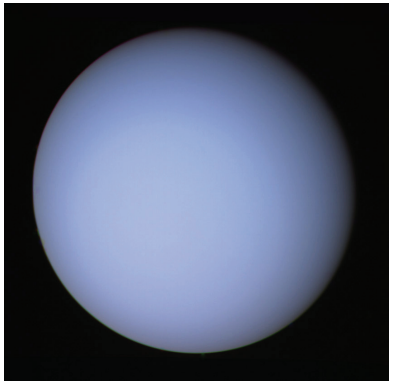
Mean Radius: (km):	**Nucleus: 3 km**
Density (g/cm^3):	**?**
Mass (kg):	**?**
Atmosphere? If yes, composition:	**Dust and gas around nucleus**
Orbits…	**The Sun**
Average distance from body it orbits (km):	**230 million *(will change!) (very elliptical orbit)**
Period of orbit (yrs):	**5.5 *(will change!)**
Period of spin (hrs):	**1.7 *(will change!)**

***will change as it passes by Jupiter due to Jupiter's gravity**



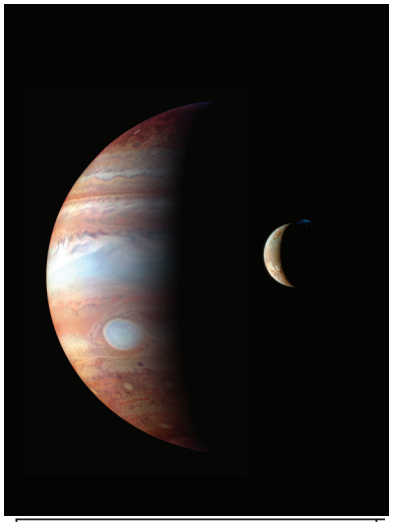
Saturn

Mean Radius: (km):	**58,232**
Density (g/cm^3):	**0.7**
Mass (kg):	**5684×10^{23}**
Atmosphere? If yes, composition:	**H_2, He**
Orbits…	**The Sun**
Average distance from body it orbits (km):	**1,429 million**
Period of orbit (yrs):	**29.5**
Period of spin (hrs):	**10.7**
Known satellites (moons):	**46**



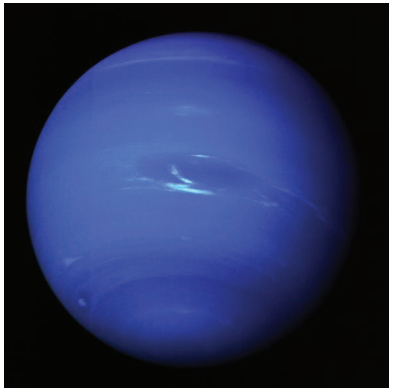
Uranus

Mean Radius: (km):	**25,362**
Density (g/cm^3):	**1.3**
Mass (kg):	**868×10^{23}**
Atmosphere? If yes, composition:	**H_2, He, CH_4**
Orbits…	**The Sun**
Average distance from body it orbits (km):	**2,871 million**
Period of orbit (yrs):	**84.02**
Period of spin (hrs):	**17.2**
Known satellites (moons):	**27**



Jupiter

Mean Radius: (km):	**69,911**
Density (g/cm^3):	**1.3**
Mass (kg):	**18990×10^{23}**
Atmosphere? If yes, composition:	**H_2, He**
Orbits…	**The Sun**
Average distance from body it orbits (km):	**778 million**
Period of orbit (yrs):	**11.9**
Period of spin (hrs):	**9.9**
Known satellites (moons):	**63!**



Neptune

Mean Radius: (km):	**24,624**
Density (g/cm^3):	**1.6**
Mass (kg):	**1024×10^{23}**
Atmosphere? If yes, composition:	**H_2, He, CH_4**
Orbits…	**The Sun**
Average distance from body it orbits (km):	**4,504 million**
Period of orbit (yrs):	**164.8**
Period of spin (hrs):	**16.1**
Known satellites (moons):	**13**

Eros	
Approx. size (km):	**33x13x13**
Density (g/cm^3):	**2.4**
Mass (kg):	**7.2×10^{15}**
Atmosphere? If yes, composition:	**None**
Orbits…	**The Sun**
Average distance from body it orbits (km):	**172 million**
Period of orbit (yrs):	**1.76**
Period of spin (hrs):	**5.27**
Known satellites (moons):	**none**

Borrelly	
Approx. size (km):	**Nucleus: 8x4**
Density (g/cm^3):	**varies**
Mass (kg):	**varies**
Atmosphere? If yes, composition:	**Dust and gas cloud around nucleus**
Orbits…	**The Sun**
Average distance from body it orbits (km):	**Perihelion: 200 million**
Period of orbit (yrs):	**6.9**
Period of spin (hrs):	**NA**
Known satellites (moons):	**none**

Sedna	
Approx. radius (km):	**At most: 900**
Density (g/cm^3):	**?**
Mass (kg):	**?**
Atmosphere? If yes, composition:	**?**
Orbits…	**The Sun**
Average distance from body it orbits (km):	**75,300 million**
Period of orbit (yrs):	**10,500**
Period of spin (hrs):	**240**
Known satellites (moons):	**none**