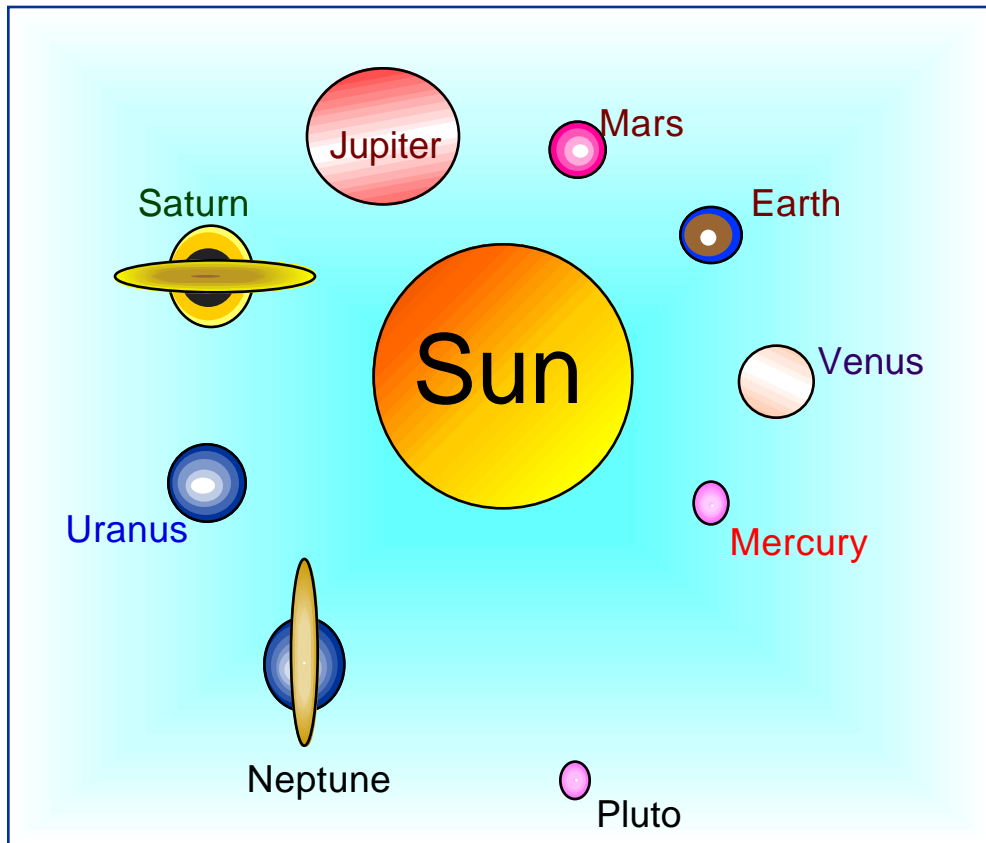


Jupiter

By Eric G. & Manuel S.



The name of my planet is Jupiter. The days are nine hours and fifty-five minutes long. The temperature is 145 degrees Celsius and 229 degrees Fahrenheit. My planet is 40,200,000 miles from the Sun and 390,700,000 miles from Earth. The diameter of my planet is 88,846 miles. Jupiter is the largest planet in the Solar System. Jupiter travels around the Sun in an elliptical orbit. An elliptical orbit is an oval-shaped orbit. Voyager I, first arrived on Jupiter on March 5, 1979.

Jupiter Report, cont'd

Unlike the other planets, Jupiter sends out strong radio radiation. It has sixteen moons and it is about ten times wider than Earth. Its largest moon is called Ganymede. It has a diameter of 3,480 miles. Jupiter creates more heat than it receives from the Sun. Jupiter has 318 times the mass of Earth. The force of gravity on Jupiter is much greater than that on Earth. Jupiter's nine smaller satellites have diameters from about 5 to 100 miles. Jupiter got its name from the king of the gods and ruler of the universe in Roman mythology.

Jupiter has three thin rings around its equator. They are much lighter than the rings of Saturn. Jupiter's magnetic field is about 14 times as strong as Earth's. Jupiter's magnetic field is the strongest in the Solar System. Scientists do not fully understand how planets produce magnetic fields. Jupiter's fields are stronger than Earth's because of Jupiter's greater size and faster rotation.

