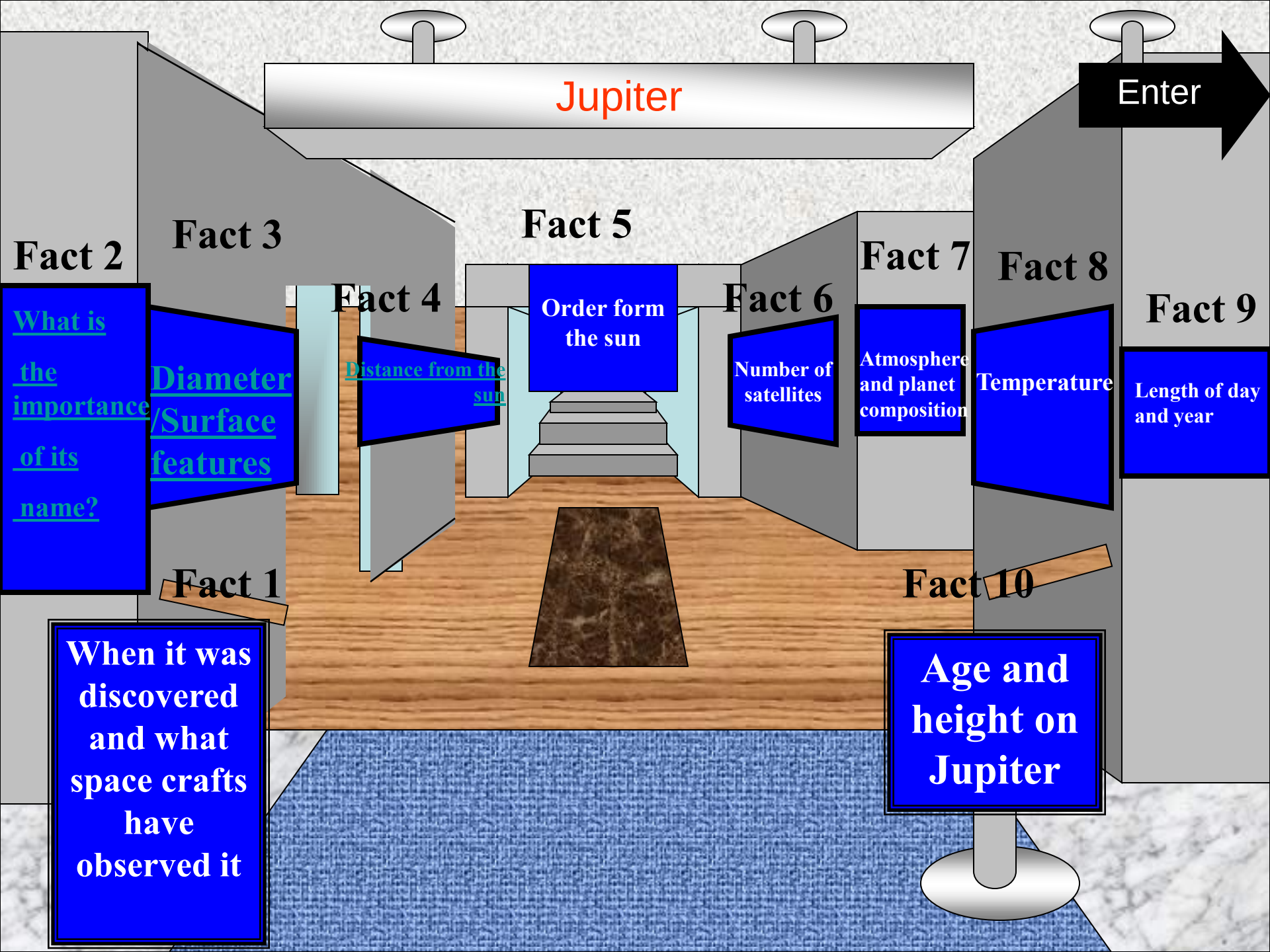
Jupiter
Enter
Fact 2
What is the importance of its name?
Fact 3
Diameter /Surface features
Fact 4
Distance from the sun
Fact 5
Order form the sun
Fact 6
Number of satellites
Fact 7
Atmosphere and planet composition
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Temperature
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Fact 1
When it was discovered and what space crafts have observed it
Fact 10
Age and height on Jupiter

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When it was discovered and spacecrafts that have observed it

Jupiter was first observed in 1610 by Galileo. Since then, many spacecrafts have observed or landed on the planet, including: Pioneer 10 (1973), Pioneer 11, Voyager 1, Voyager 2, Ulysses, Galileo, and Cassini-Huygens.

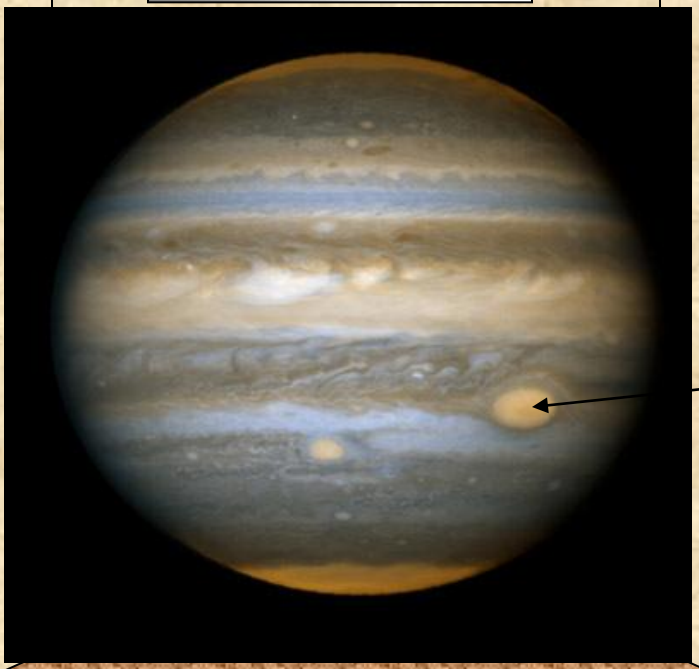
Importance of its name

Exit

The planet Jupiter was named after the King of Roman Gods, Jupiter. This is because Jupiter is the biggest planet in our solar system.

Diameter and surface features

Exit



The diameter of Jupiter is 142,800 kilometers, making it the largest planet. Jupiter has one very large surface feature, which we call the Great Red Spot. The Great Red Spot is a huge mass of swirling gas, and is bigger than planet Earth.

Distance from the sun

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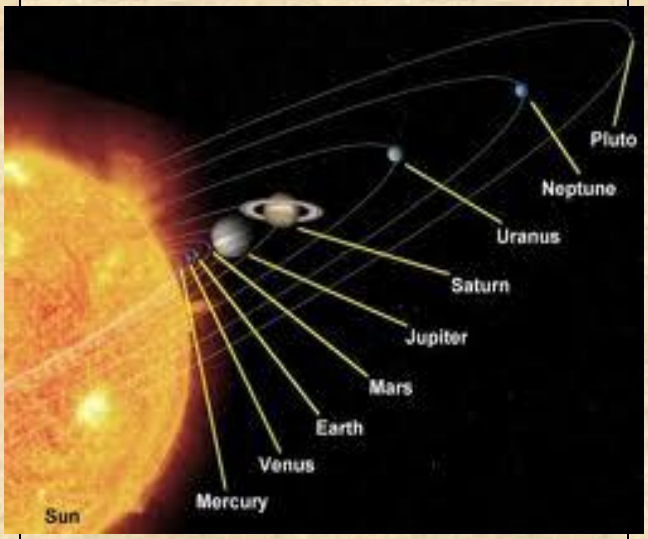

Jupiter is about 778,330,000 kilometers from the sun.

Order from the sun

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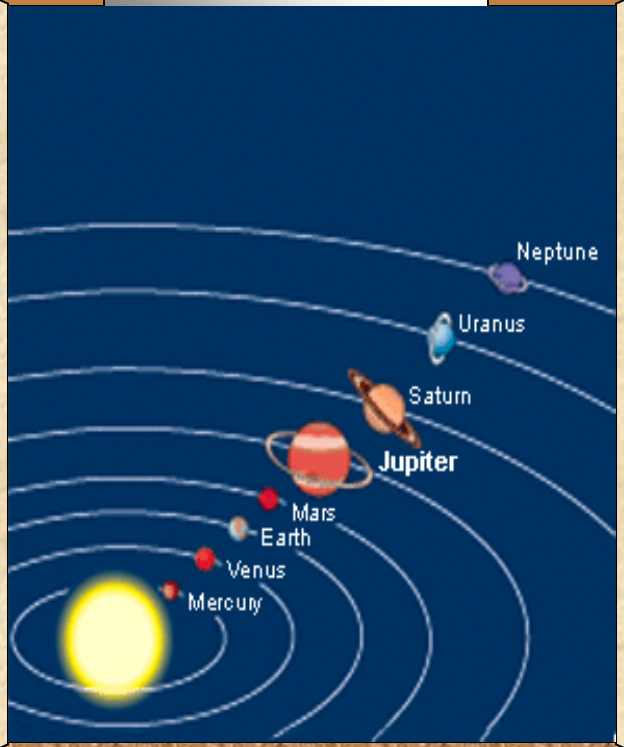


In our solar system containing nine planets, Jupiter is the fifth planet from the sun.

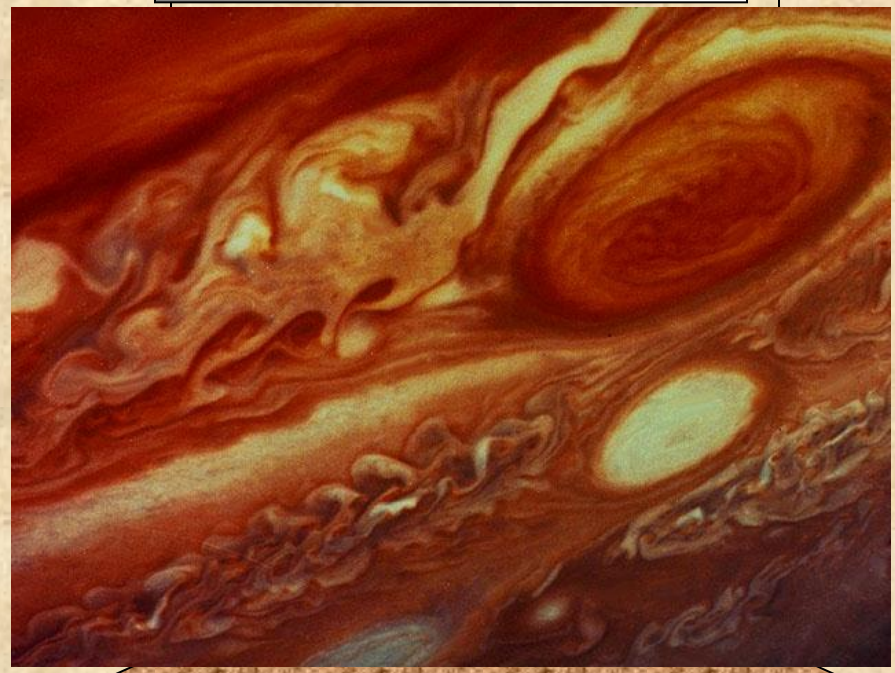
Number of satellites

Exit

The planet Jupiter has 27 satellites (moons) in its orbit. This is because of Jupiter's extreme gravity pull. Some of the big moons are Io and Europa.

Atmosphere and surface composition

Exit



The atmosphere surrounding Jupiter is made up of hydrogen and helium. Jupiter itself is an all gas planet, mainly composed of Hydrogen (H_2), water (H_2O), ammonia (NH_3), methane (CH_4), and hydrogen sulfide (H_2S).

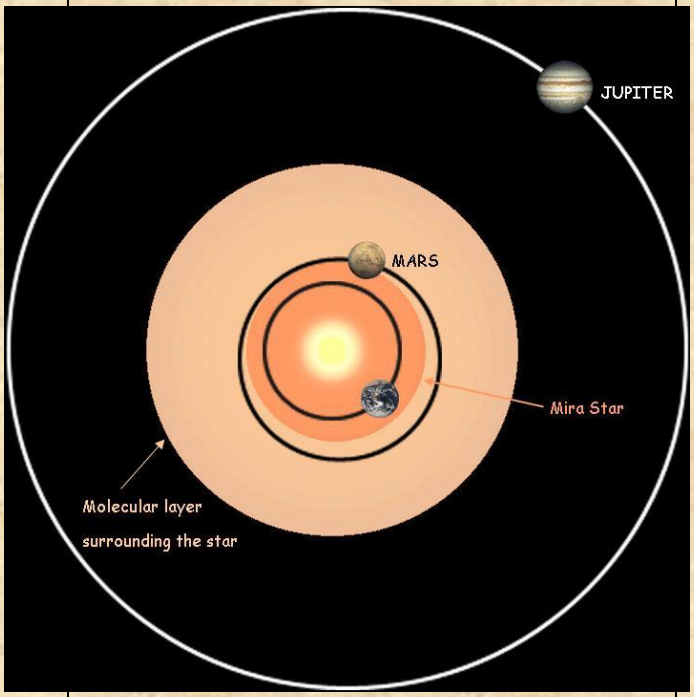
Temperature of Jupiter

Exit

Jupiter's average temperature is -203°F. This is because it is far away from the sun (5th planet).

Length of a day and a year on Jupiter

Exit



On the planet Jupiter, one day (the time it takes to spin once on its axis) is equal to 9.8 Earth hours, this is called a Jovian day. One year (time it takes for Jupiter to orbit the sun) is equal to 11.86 Earth years, this is called a Jovian year.

My age and weight on planet Jupiter.

Exit

On planet Earth, I am 13 years old and 85 pounds. This is equal to 1.11 years on Jupiter, and 200.9 pounds.

Sources Cited

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