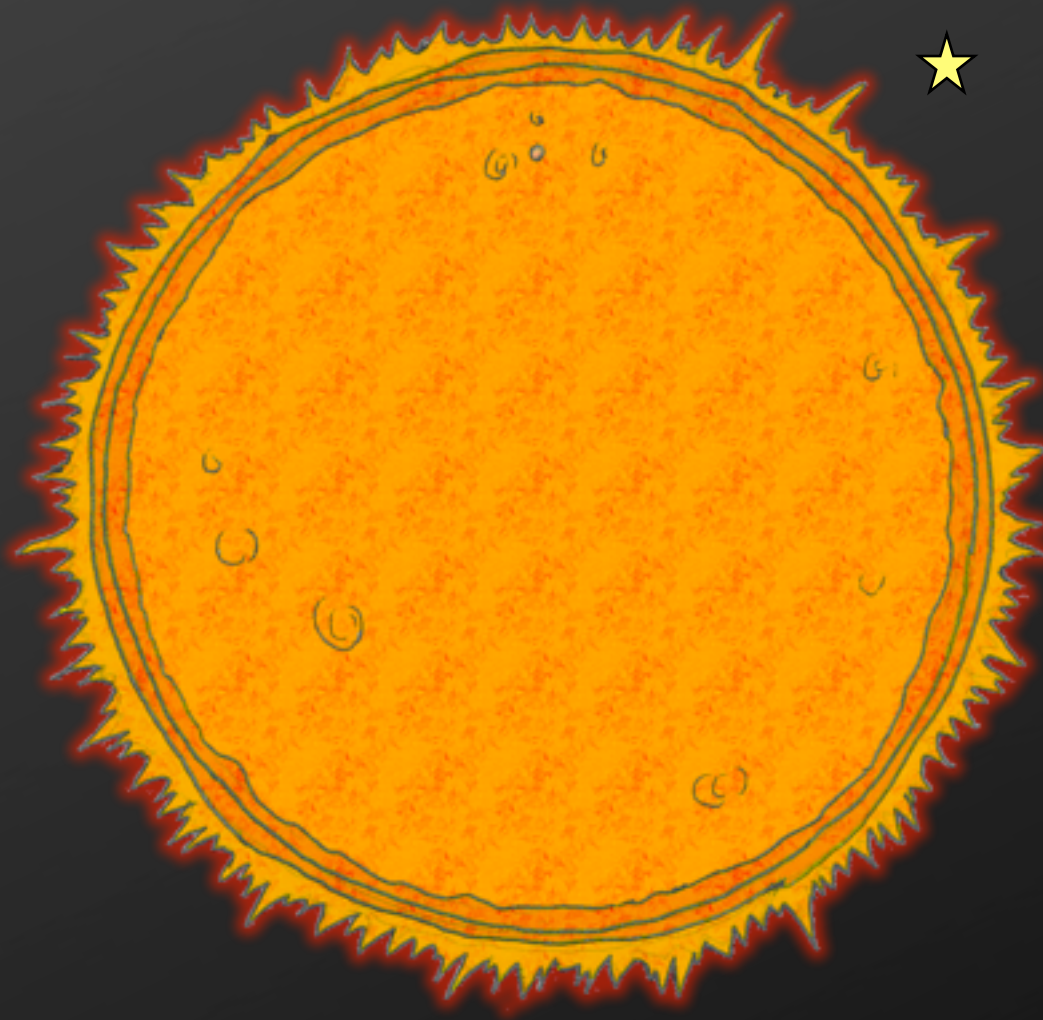




The Sun



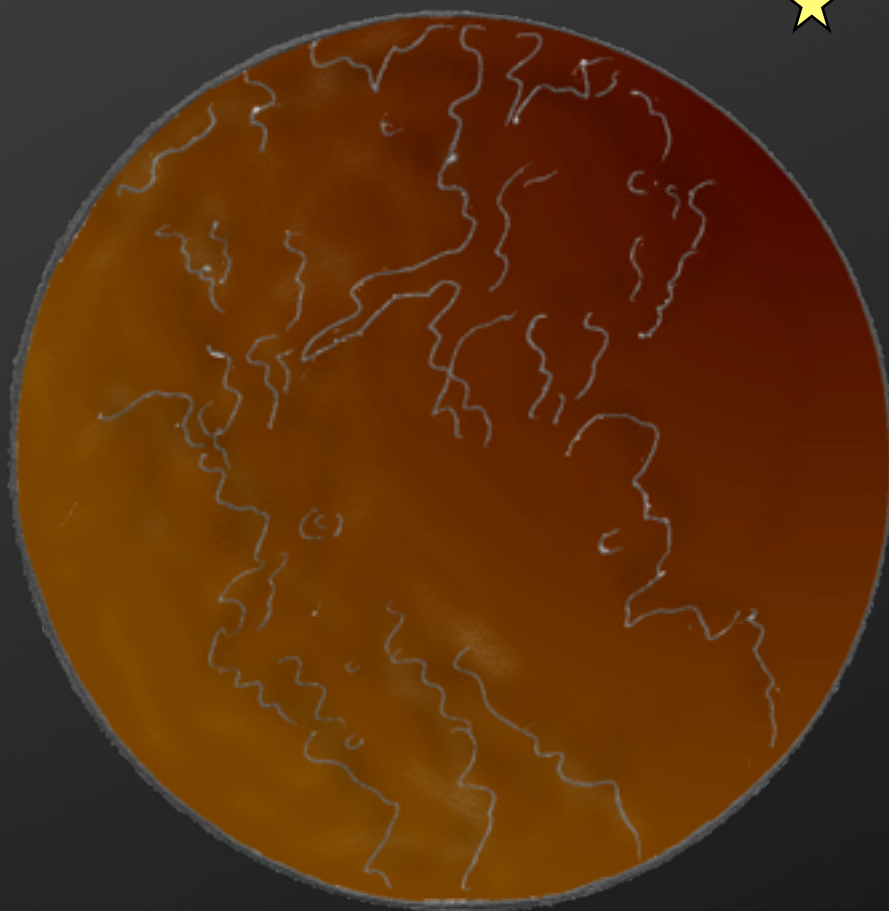
Diameter: 1,392,000 km

Mass: 329 x Earth

Rotation Period: 25 days, 9 hours

Surface temperature: 6,040 °C

**Never look
directly
at the sun!**



Mercury

**Mercury is
always half-hot
and half-cold!**

Diameter: 4,879 km

Mass: 0.06 x Earth

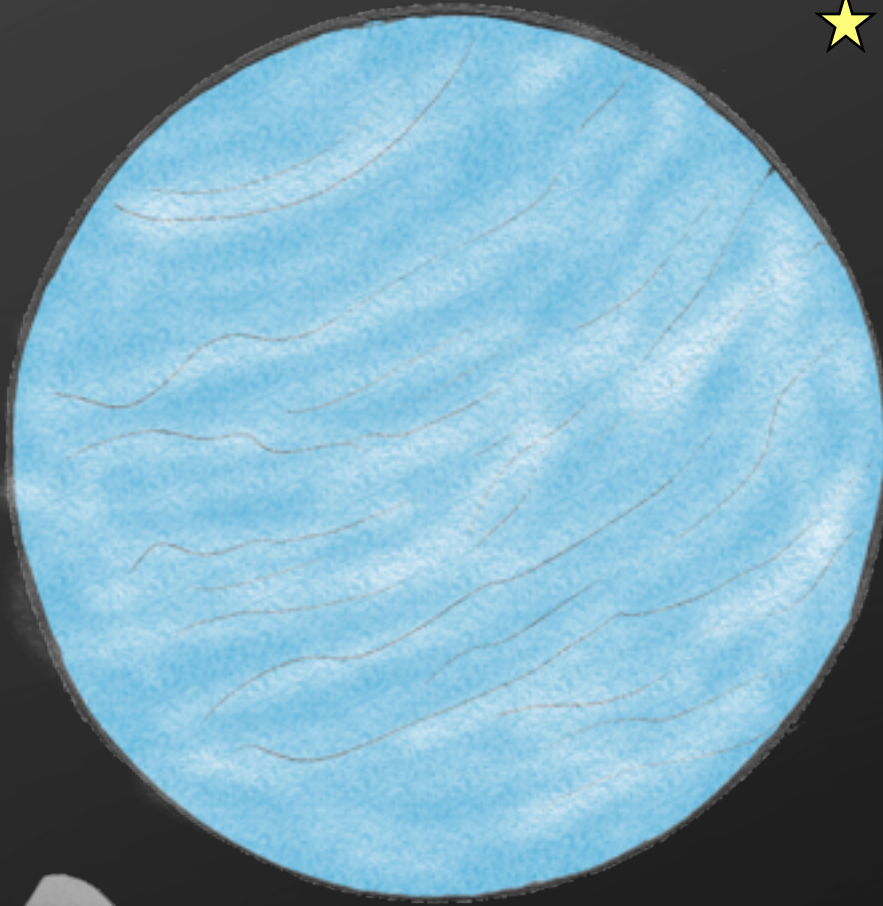
Average distance from Sun: 57.9 million km

Length of Day: 176 Earth days

Length of Year: 88 Earth days

Surface temperature: -170°C to 430°C





Venus

Venus is a
hot, dry and
poisonous
world.

Diameter: 12,104 km

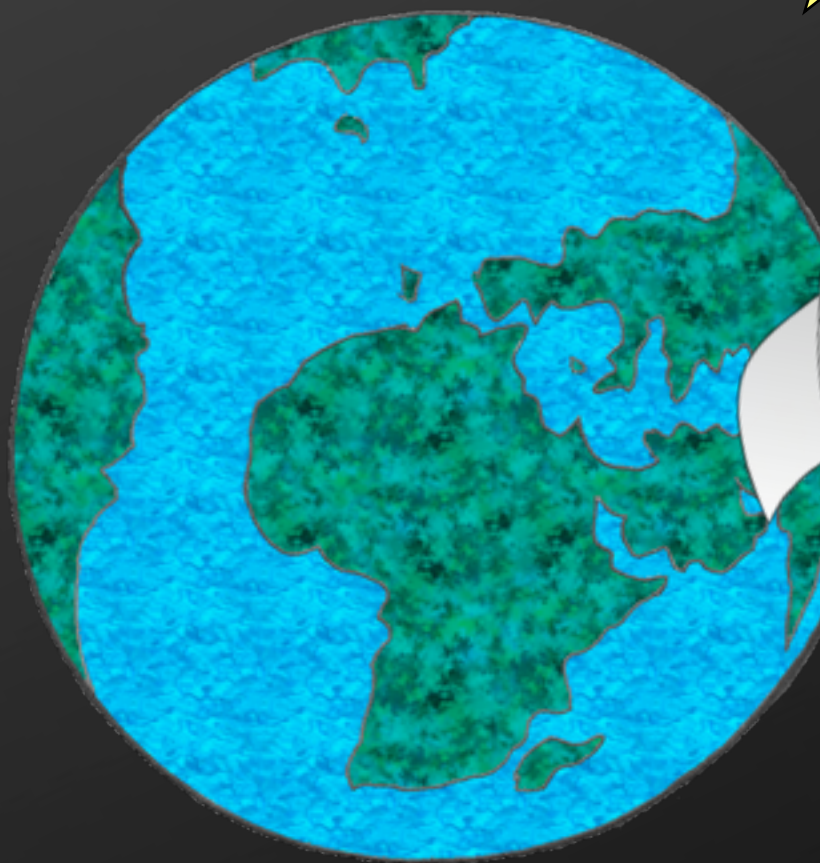
Mass: 0.82 x Earth

Average distance from Sun: 108 million km

Length of Day: 117 Earth days

Length of Year: 225 Earth days

Surface temperature: 460°C



Earth

Diameter: 12,756 km

Mass: 6 thousand billion billion tonnes

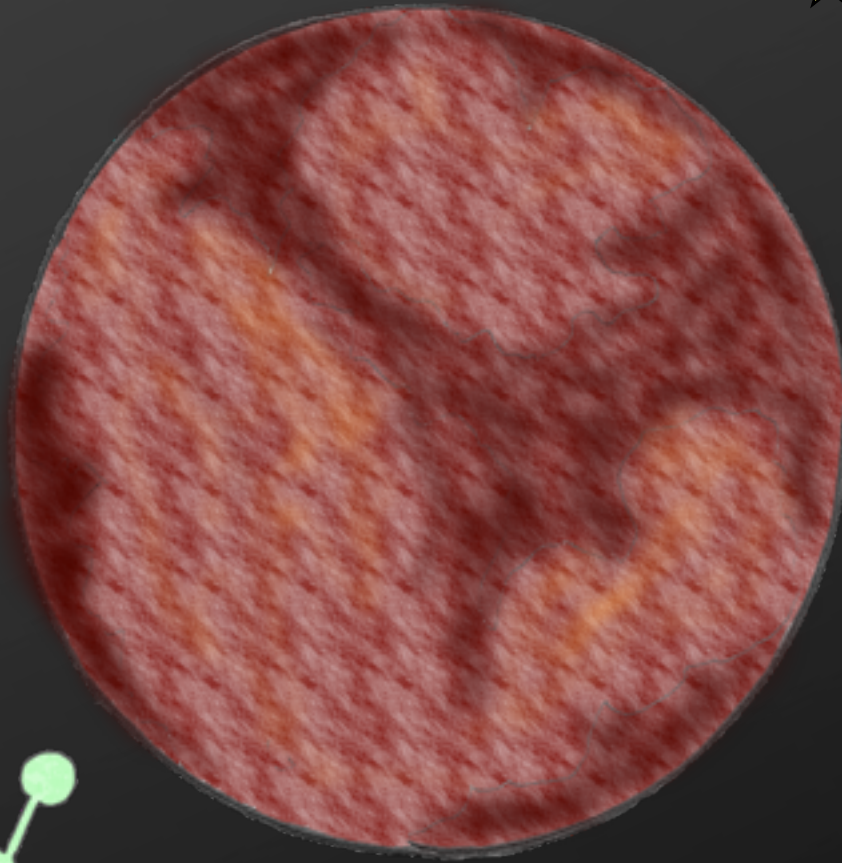
Average distance from Sun: 150 million km

Length of Day: 24 hours

Length of Year: 365 Earth days, 5 hours

Surface temperature: -69°C to 58°C

One billion years
ago, the length of
the day was just
18 hours!



Mars

Mars is a cold, dry place with high winds and dust storms.

Diameter: 6,794 km

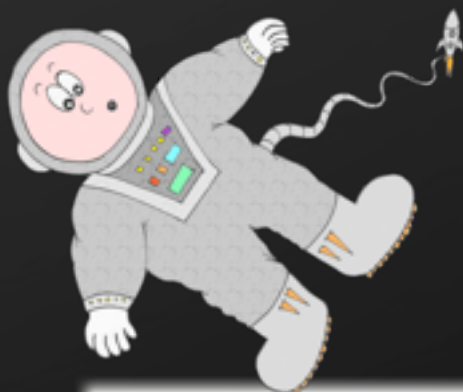
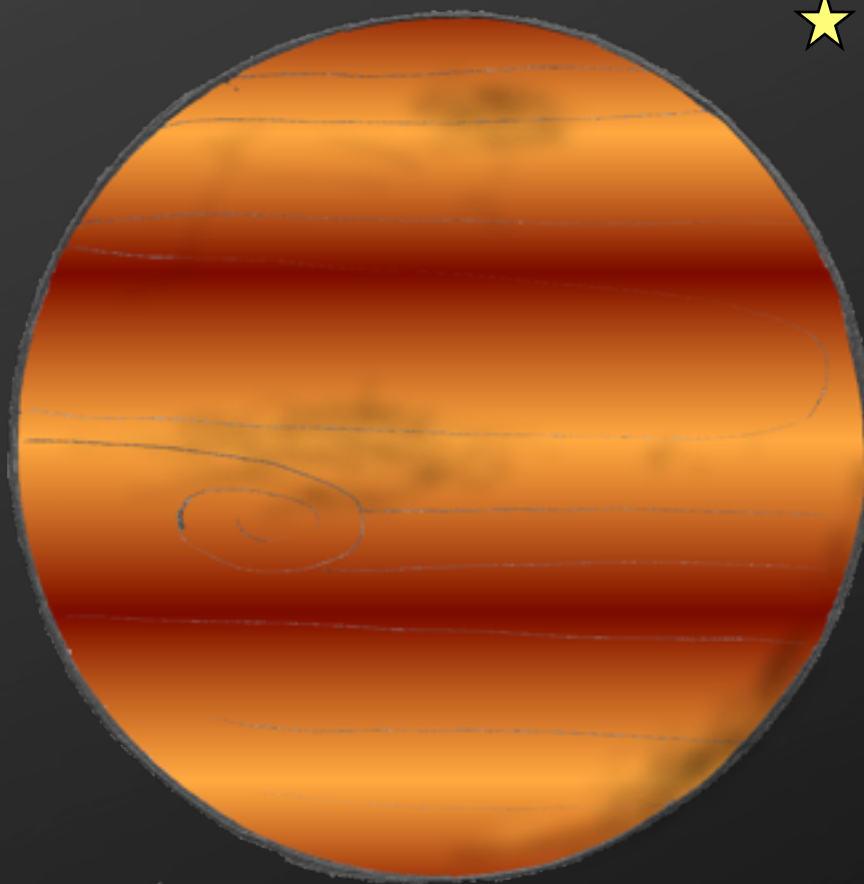
Mass: 0.107 x Earth

Average distance from Sun: 228 million km

Length of Day: 24 hours, 27 minutes

Length of Year: 687 Earth days

Surface temperature: -140°C to 0°C



Jupiter

Diameter: 142,984 km at the equator
and 133,717 km at the poles

Mass: 318 x Earth

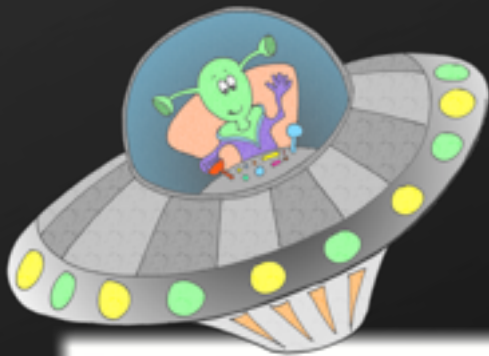
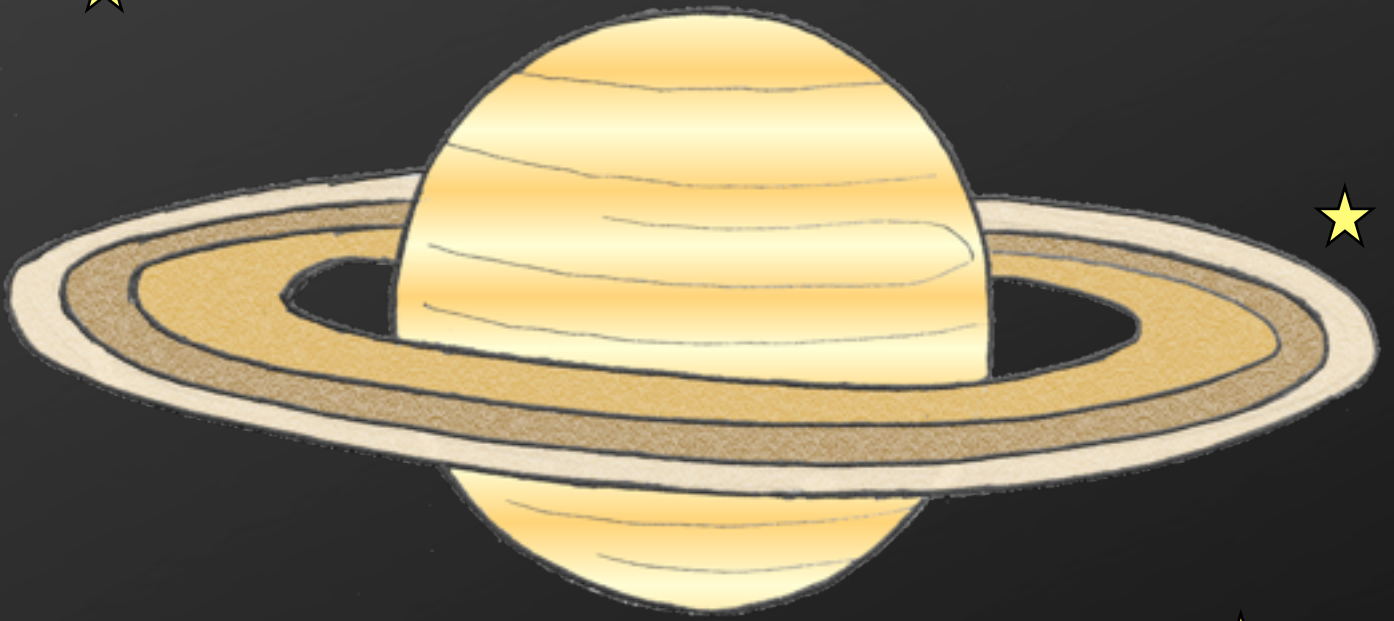
Average distance from Sun: 778 million km

Length of Day: 9 hours, 50 minutes at the equator

Length of Year: 11 years, 315 days

Surface temperature: -160°C

Jupiter is a 'gas giant' and it is the largest planet in the solar system.



Saturn

Saturn has moons which are named after characters from Greek mythology.

Diameter: 120,536 km at the equator and 107,566 km at the poles

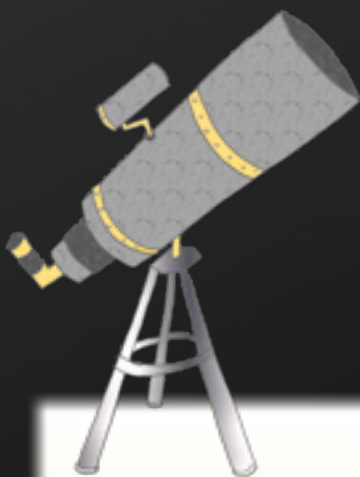
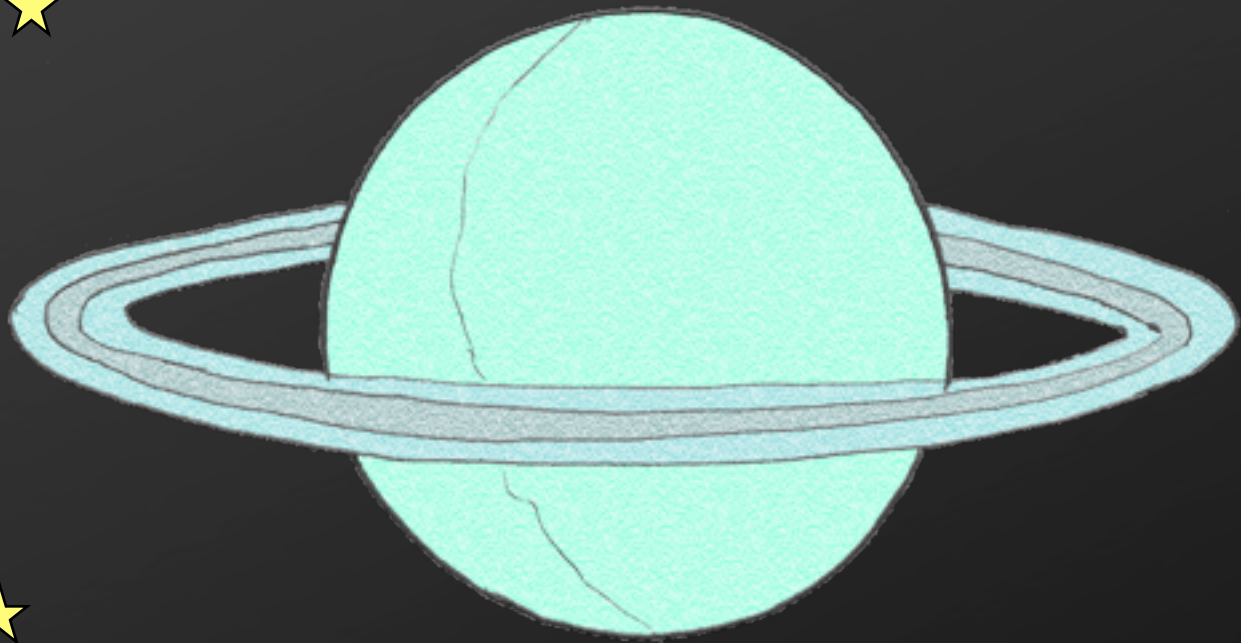
Mass: 95 x Earth

Average distance from Sun: 1.429 billion km

Length of Day: 10 hours, 14 minutes at the equator

Length of Year: 29 years, 167 days

Surface temperature: -190°C



Uranus

Uranus was first spotted in 1690 and was thought to be a star.

Diameter: 51,118 km

Mass: 14.5 x Earth

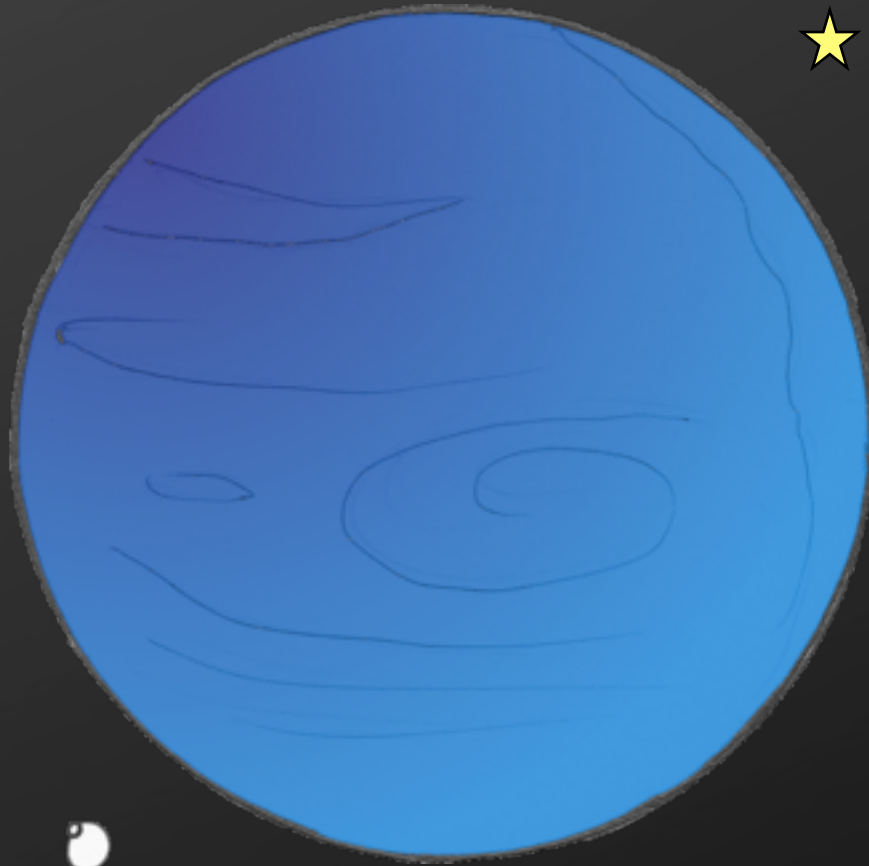
Average distance from Sun: 2.871 billion km

Length of Day: 17 hours, 14 minutes

Length of Year: 84 Earth years

Surface temperature: -215°C





Neptune

The winds on
Neptune are the
fastest in the
Solar System!

Diameter: 49,572 km

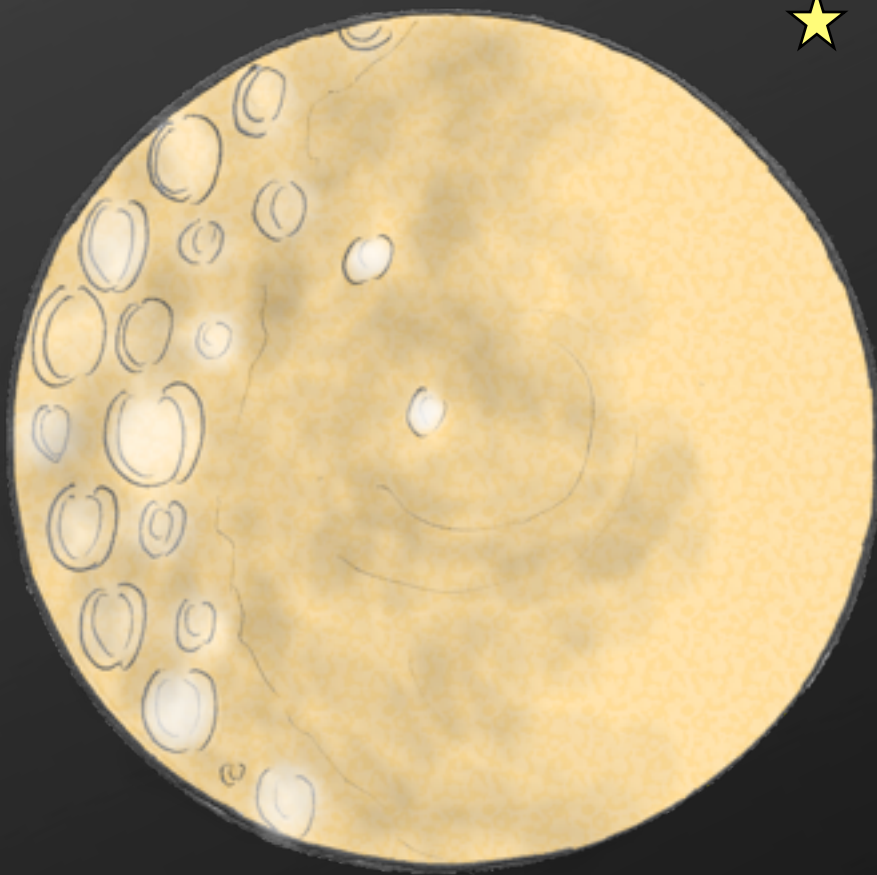
Mass: 17.1 x Earth

Average distance from Sun: 4.504 billion km

Length of Day: 16 hours, 7 minutes at the equator

Length of Year: 164 Earth years

Surface temperature: -225°C



Pluto

Diameter: 2,320 km

Mass: 0.002 x Earth

Average distance from Sun: 5.914 billion km

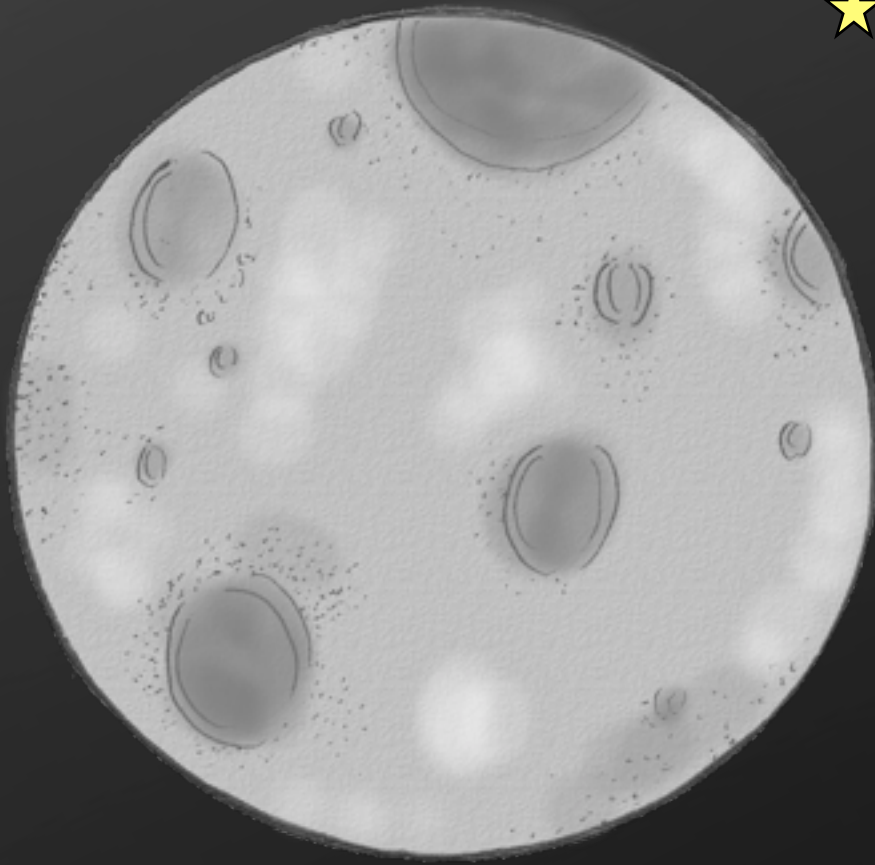
Length of Day: 6 Earth days, 9 hours

Length of Year: 248 Earth years

Surface temperature: -230°C

In 2006, it was decided that Pluto isn't actually big enough to be called a planet.





The Moon

*In four billion years,
the moon will look
about half its
present size when
viewed from Earth!*

Diameter: 3,476 km

Mass: 0.012 x Earth

Average distance from Sun: 356,000 km

Length of Day: 29.5 Earth days

Surface temperature: -170°C to 110°C