

Mercury #1

True or False

- Mercury has the most moons. **False-** Mercury has no moons
- A year on Mercury takes 88 earth days. **True**
- Mercury is closest to the sun but is only the second hottest planet. **True-** Venus experiences higher temperatures.

Venus #2

True or False

- Venus has no moons. **True-** Scientists aren't sure why.
- Venus is the brightest object in the night sky. **False-** Our moon is brighter.
- Venus rotates backwards and very slowly. **True-** Compared to the other planets Venus rotates backwards.

Earth #3

True or False

- Earth is the largest of the Terrestrial planets. **True-** Terrestrial planets are composed mostly of rocks and metals and are closest to the sun.
- The Earth is the only planet in our solar system named after a Greek or Roman Deity, a god or goddess. **False-** Earth is the only planet NOT named after a Deity.
- Our moon and two asteroids are locked into co-orbital orbits with Earth, **True-** The asteroids are named 3753 Cruithne and 2002 AA29.

Mars #4

True or False

- Mars is often called the fire planet due to its appearance. **False-** Mars is called the Red Planet due to its reddish appearance.
- Mars has two moons. **True-** They are named Phobos and Deimos.
- Mars has the tallest volcano known on a planet in our solar system. **True-** It is called Olympus Mons and it is 25 kilometers high.

Jupiter #5

True or False

- Jupiter has the shortest day of all the planets. **True-** It turns on its axis once every 9 hours and 55 minutes.
- The Great Red Spot is a huge, active volcano on Jupiter. **False-**The great Red Spot is a storm that has raged for at least 350 years.
- Jupiter is primarily made of gasses and is there known as a Gas Giant. **True-** Planets made mostly of gasses are called Gas Giants.

Saturn #6

True or False

- Saturn has no moons. **False-** Saturn has 60 moons.
- There is a field of ice and rocks circling Saturn that from afar, appear as rings.
True
- Saturn was first observed in 1610 by the Astronomer Galileo Galilei. **True**

Uranus #7

True or False

- Uranus is not visible to the naked eye and is the first planet discovered with the use of a telescope. **True-** Discovered by Sir William Herschel in 1781.
- Uranus is often referred to as an Ice Giant because it hits the coldest temperatures of any planet. **True-**
- Uranus is the eighth planet from the Sun. **False-** Uranus is the seventh planet from the Sun.

Neptune #8

True or False

- Neptune is the largest Gas Giant. **False-** Neptune is the smallest Gas Giant, Jupiter is the largest.
- One year on Neptune lasts 165 Earth years. **True**
- Neptune has no moons. **False-** Neptune has 14 moons, the most famous being Triton.

Pluto #9

True or False

- In 2006 Pluto was demoted to the status of dwarf planet. **True**- It is currently the largest of the dwarf planets at 2,372 Km.
- Pluto has no known moons. **False**- Pluto has Five known moons.
- Pluto's orbit periodically takes it closer to the sun than Neptune. **True**