

Planet/Moon Trivia



Your Challenge:

Find out how much you know about the planets and their moons (or how fast can you make discoveries!). Using the Solar System Update software, find the planet that matches each description. Whenever there is a number after the description, you must find two or three planets. In every category, there may be more answers. Some questions are answered only by planets, some by planets and moons, and some by moons only.

Planet trivia:

- Most extreme temperature changes _____
- Brightest in Earth sky _____
- Hottest surface - melts lead _____
- Most circular orbit (smallest eccentricity) _____
- Most elongated orbit (largest eccentricity) _____
- Densest and next densest _____
- Water rainfall _____
- Carbon dioxide warms surface (3) _____
- Iron core (2) _____
- Has largest known volcano _____
- Has a rock named Yogi _____
- Has red spot _____
- Had white spot _____
- Had dark spot _____
- Planet that could float in water _____
- Has shepherding satellites _____
- Planet with rings (3) _____

Planets and/or Moons:

- Atmosphere mostly Nitrogen (2) _____
- May have water ice at poles (3) _____
- Has human footprints (2) _____
- Has active volcanoes (3) _____
- Has surface frost (3) _____
- Has (or probably has) liquid water (2) _____
- Hydrocarbon smog (2) _____
- Camera views ON surface (3) _____

Moon Trivia

Moons only

- Smoothest surface _____
- Largest moon in solar system _____
- Most reflective surface _____
- Death Star moon _____
- May have broken apart and reassembled _____
- Has a bright side and dark side _____
- An asteroid with its own moon _____ and its moon _____
- Asteroid that we've landed a spacecraft on _____
- Largest moon compared with planet _____
- Tides lowering this moon s orbit _____
- Three moons in same orbit (3) _____
- Moon with no known impact craters _____
- Moons with atmospheres (3) _____
- Slows down Earth's spin _____
- Moon with its own magnetic field _____
- Two moons of the red planet _____
- Moon with sulfurous volcano _____
- Moon with geyser _____
- Moon that may have underground oceans _____
- Moon whose orbit period is twice that of Io _____
- Moon whose orbit period is 4x that of Io _____
- Moon with most mass _____
- Moon whose orbital period is the same as the spin period of its host planet: _____