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: _____