

Which Planet Has The Maximum Number Of Moons

Dwarf planets are capable of being geologically active, an expectation that was borne out in 2015 by the Dawn mission to Ceres and the New Horizons mission to Pluto. Planetary geologists are therefore particularly interested in them. b54088b7ca

Planet The best available theory of planet formation is the nebular hypothesis, which posits that an interstellar cloud collapses out of a nebula to create a young protostar orbited by a protoplanetary disk. Planets grow in this disk by the gradual accumulation of material driven by gravity, a process called accretion. Except for Ceres and Sedna, all the A planet is a large, rounded astronomical body that is generally required to be in orbit around a star, stellar remnant, or brown dwarf, and is not one itself. Earth has one, Mars has two, and the giant planets have numerous moons in complex planetary-type systems. "moons". The Solar System has eight planets by the most restrictive definition of the term: the terrestrial planets Mercury, Venus, Earth, and Mars, and the giant planets Jupiter, Saturn, Uranus, and Neptune b54088b7ca

List of natural satellites states (orbiting planets or dwarf planets). Several of the largest ones are in hydrostatic equilibrium and would therefore be considered dwarf planets or planets if they were in direct orbit around the Sun and not in their current states (orbiting planets or dwarf planets). Moons are classed into two separate categories according to their orbits: regular moons, which have prograde Of the Solar System's eight planets and its nine most likely dwarf planets, six planets and seven dwarf planets are known to be orbited by at least 468 natural satellites, or moons. At least 19 of them are large enough to be gravitationally rounded; of these, all are covered by a crust of ice except for Earth's Moon and Jupiter's Io b54088b7ca

Moons are classed into two separate categories according to their orbits: regular moons, which have prograde orbits (they orbit in the direction of their planets' rotation) and lie close to the plane of their equators, and irregular moons, whose orbits can be pro- or retrograde (against the direction of their planets' rotation) and often lie at extreme angles to their planets' equators. Irregular moons are probably minor planets that have been captured from surrounding space. Most irregular moons are less than 10 kilometres (6.2 mi) in diameter. b54088b7ca They are planetary-mass moons and among the largest objects in the Solar System. All four, along with Titan, Triton, and Earth's Moon, are larger than any of the Solar System's dwarf planets. The largest, Ganymede, is the largest moon in the Solar System and surpasses the planet Mercury in size (though not mass). Callisto is only slightly smaller than Mercury in size; the smaller ones, Io and Europa, are about the size of the Moon. The three inner moons — Io, Europa,... b54088b7ca The IAU has stated that there are eight known planets in the Solar System. It has been argued that the definition is problematic because it depends on the location of the body: if a Mars-sized... b54088b7ca

Moon Other natural satellites of planets are called "moons", with a lower-case "m". The Moon has historically been. Earth's satellite "the Moon", with a capital "M" b54088b7ca

The barycentre lies about 4,670 km (2,900 miles) from Earth's centre (about 73% of its radius). With a mean orbital speed around the barycentre of 1.022 km/s (2,290 mph), the Moon covers a distance of approximately its diameter, or about half a degree on the celestial sphere, each hour. b54088b7ca A non-satellite body fulfilling only the first two of these criteria (such as Pluto, which had hitherto been considered a planet) is classified as a dwarf planet. According to the IAU, "planets and dwarf planets are two distinct classes of objects" – in other words, "dwarf planets" are not planets. A non-satellite body fulfilling only the first criterion is termed a small Solar System body (SSSB). An alternate proposal included dwarf planets as a subcategory of planets, but IAU members voted against this proposal. The decision was a controversial one, and has drawn both support and criticism from astronomers. b54088b7ca

Ego the Living Planet The character first appeared in Thor #132. Ego the Living Planet is a fictional character appearing in American comic books published by Marvel Comics b54088b7ca

is in orbit around the Sun, b54088b7ca has sufficient mass to assume hydrostatic equilibrium (a nearly round shape), and b54088b7ca == Classification == b54088b7ca

Dwarf planet Dwarf A dwarf planet is a small planetary-mass object that is in direct orbit around the Sun, massive enough to be gravitationally rounded, but insufficient to achieve orbital dominance like the eight classical planets of the Solar System. The prototypical dwarf planet is Pluto, which for decades was regarded as a planet before the "dwarf" concept was adopted in 2006. dwarf planets and planetary-mass moons to be planets, but since 2006 the IAU and many astronomers have excluded them from the roster of planets b54088b7ca

Sao (moon) Sao is. Neptunian irregular moons, Laomedeia and S/2002 N 5, which suggests they originated from the collisional breakup of a once-larger moon of Neptune b54088b7ca

has "cleared the neighbourhood" around its orbit. b54088b7ca Astronomers are in general agreement that at least the nine largest candidates are dwarf planets – in rough order of decreasing diameter, Pluto, Eris, Haumea, Makemake, Gonggong, Quaoar, Sedna, Ceres, and Orcus. A considerable uncertainty remains over the tenth largest candidate Salacia, which may thus be considered a borderline case. Of these ten, two have been visited by spacecraft (Pluto and Ceres) and seven others... b54088b7ca The word planet comes from the Greek *πλανήται* (*planētai*) 'wanderers'. In antiquity, this word referred to the Sun, Moon, and five points of light visible to the naked eye that moved across the background of the stars—namely, Mercury, Venus, Mars, Jupiter, and Saturn. Planets have historically had religious associations: multiple cultures identified celestial bodies with gods, and these connections with mythology and folklore persist in the schemes for naming newly discovered Solar System bodies. Earth itself was recognized... b54088b7ca Many planetary geologists consider dwarf planets and planetary-mass moons to be planets, but since 2006 the IAU and many astronomers have excluded them from the roster of planets. b54088b7ca

IAU definition of planet and Gonzalo Tancredi which stated that, in the Solar System, a planet is a celestial body that: is in orbit around the Sun, has sufficient mass to assume The International Astronomical Union (IAU) adopted in August 2006 the definition made by Uruguayan astronomers Julio Ángel Fernández and Gonzalo Tancredi which stated that, in the Solar System, a planet is a celestial body that: b54088b7ca

Which Planet Has The Maximum Number Of Moons

On average, the distance to the Moon is about 384,400 km (238,900 mi) from Earth's centre, which corresponds to about 60 Earth radii or 1.28 light-seconds. b54088b7ca

Eris (dwarf planet) (minor-planet number 136199) is the most massive and second-largest-known dwarf planet in the Solar System. It is a trans-Neptunian object (TNO) in the scattered b54088b7ca

Galilean moons Through this, they became the first Solar System objects discovered since humans have started tracking the classical planets, and the first objects to be found to orbit any planet beyond Earth. They are the most readily visible Solar System objects after Saturn, the dimmest of the classical planets; though their closeness to bright Jupiter makes naked-eye observation very difficult, they are readily seen with common binoculars, even under night sky conditions of high light pollution. The Galilean moons (/ˌɡæliˈleɪ. They are, in descending-size order, Ganymede, Callisto The Galilean moons (), or Galilean satellites, are the four largest moons of Jupiter. The invention of the telescope allowed astronomers to discover the moons in 1610. ən/), or Galilean satellites, are the four largest moons of Jupiter. They are, in descending-size order, Ganymede, Callisto, Io, and Europa b54088b7ca

Orbit of the Moon Most models describe the Moon's orbit geocentrically since the Moon is mainly bound to Earth, but it also orbits together with Earth, as the Earth–Moon system, around their shared barycenter. Geophysical Classification of Planets, Dwarf Planets, and Moons, arXiv:1308. Alan; Levison, Harold F. 0616 Stern, S. "Regarding the Criteria for Planethood The orbit of the Moon is, while stable and known, highly complex, and as such still studied by lunar theory. (2002). It orbits Earth in the prograde direction and completes one revolution relative to the Vernal Equinox and the fixed stars in about 27. 3 days (a tropical month and a sidereal month), and one revolution relative to the Sun in about 29. Furthermore from a heliocentric view its geocentric orbit is the result of Earth perturbing the Moon's orbit around the Sun. 5 days (a synodic month) b54088b7ca

The Moon differs from most regular satellites of other planets in that... b54088b7ca

[https://lb1-s245-pub.pressidium.com/\\$e/pub/slug?TXT=list-of__foods-high-in-oxalates](https://lb1-s245-pub.pressidium.com/$e/pub/slug?TXT=list-of__foods-high-in-oxalates)
https://lb1-s245-pub.pressidium.com/@/chap/url?ITUNE=another-name_for__strong
https://lb1-s245-pub.pressidium.com/_/l/course/link?EPDF=female__teacher-closing-the_door
https://lb1-s245-pub.pressidium.com/~u/short/niche?EPDF=austin-regional__clinic_arc-far__west-medical_tower
https://lb1-s245-pub.pressidium.com/@m/pub/data?EPDF=what_are-good__times_for-a-5k
https://lb1-s245-pub.pressidium.com/_p/ref/url?ITUNE=period_before_or_after__parentheses
https://lb1-s245-pub.pressidium.com/~i/journal/key?MD=best-antibiotic_ointment-for_wound__healing
https://lb1-s245-pub.pressidium.com/-t/ebook/niche?PDF=department__of_tobacco_and_firearms
[https://lb1-s245-pub.pressidium.com/\\$s/ref/slug?KINDLE=where-is_gallbladder-situated](https://lb1-s245-pub.pressidium.com/$s/ref/slug?KINDLE=where-is_gallbladder-situated)
https://lb1-s245-pub.pressidium.com/+w/science/list?TXT=weight_of-a-tyrannosaurus__rex
https://lb1-s245-pub.pressidium.com/-o/course/link?CHAPTER=can-you_refreeze-a_defrosted_chicken
https://lb1-s245-pub.pressidium.com/-p/science/slug?PAGE=48_pounds_how_many-kg

Which Planet Has The Maximum Number Of Moons