

Pluto Is It A Planet

has sufficient mass to assume hydrostatic equilibrium (a nearly round shape), and 4b58b6190c == History == 4b58b6190c

Definition of planet - Who doesn't love Pluto. "Quiz Is Pluto A Planet. - Interactive" - The definition of the term planet has changed several times since the word was coined by the ancient Greeks. But is it a planet. Greek astronomers employed the term ἀστέρες πλανῆται (asteres planetai), 'wandering stars', for star-like objects which apparently moved over the sky. It shares a name with the Roman god of the underworld and a Disney dog. Over the millennia, the term has included a variety of different celestial bodies, from the Sun and the Moon to satellites and asteroids 4b58b6190c

== Pluto == 4b58b6190c One of many possibilities for the Voyager 1 spacecraft after its flyby of Saturn in 1980 was to use Saturn as a slingshot towards Pluto for a flyby as early as March 1986. However, scientists decided that a flyby of Titan during the Saturn encounter would be a more important scientific... 4b58b6190c Pluto was discovered by Clyde Tombaugh in 1930 and has made comparatively sporadic appearances in fiction since then; in the catalogue of early science fiction works compiled by E. F. Bleiler and Richard Bleiler in the 1998 reference work Science-Fiction: The Gernsback Years, Pluto only appears in 21 (out of 1,835) works, compared to 194 for Mars and 131 for Venus. Richard L. McKinney describes it as "unexplored... 4b58b6190c == Early mission proposals == 4b58b6190c Pluto has a moderately eccentric and inclined orbit, ranging from 30 to 49 astronomical units (4.5 to 7.3 billion kilometres; 2.8 to 4.6 billion miles) from the Sun. Light from the Sun takes 5.5 hours to reach Pluto at its orbital distance of 39.5 AU (5.91 billion km; 3.67 billion mi). Pluto's eccentric orbit periodically brings it closer to the Sun than Neptune, but a stable orbital resonance prevents them from colliding. 4b58b6190c Two additional moons were imaged by astronomers of the Pluto Companion Search Team preparing for the New Horizons mission and working with the Hubble Space Telescope on 15 May 2005, which received the provisional designations S/2005 P 1 and S/2005 P 2. The International Astronomical Union officially named these moons Nix (Pluto II, the inner of the two moons, formerly P 2) and Hydra (Pluto III, the outer moon, formerly P 1), on 21 June 2006. Kerberos, announced on 20 July 2011, was discovered while searching for Plutonian rings. The discovery of Styx was announced... 4b58b6190c

Planets beyond Neptune Lowell proposed the Planet X hypothesis to explain apparent discrepancies in the orbits of the giant planets, particularly Uranus and Neptune, speculating that the gravity of a large unseen planet could have perturbed Uranus enough to account for the irregularities. The search began in the mid-19th century and continued at the start of the 20th with Percival Lowell's quest for Planet X. with similar or even wider orbits than Pluto led to a debate over whether Pluto should remain a planet, or whether it and its neighbours should, like the Following the discovery of the planet Neptune in 1846, there was considerable speculation that another planet might exist beyond its orbit 4b58b6190c

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. 4b58b6190c is in orbit around the Sun, 4b58b6190c has "cleared the neighbourhood" around its orbit. 4b58b6190c

Exploration of Pluto The stamp for Pluto, however The exploration of Pluto began with the arrival of the New Horizons probe in July 2015, though proposals for such a mission had been studied for many decades. featured a stamp for all planets, displaying an image of the planet and highlighting an associated spacecraft which was sent to it. There are no plans as yet for a follow-up mission, though follow-up concepts have been studied 4b58b6190c

Pluto (mother of Tantalus) 4b58b6190c 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... 4b58b6190c In modern astronomy, there are two primary conceptions of a planet. A planet can be an astronomical object that dynamically dominates its region (that is, whether it controls the fate of other smaller bodies in its vicinity) or it is defined to be in hydrostatic equilibrium (it has become gravitationally rounded and compacted). These may be characterized as the dynamical dominance definition and the geophysical definition. 4b58b6190c

Pluto (disambiguation) Look up Pluto or pluto in Wiktionary, the free dictionary. Pluto is a dwarf planet in the Solar System. Pluto may also refer to: Pluto (mythology), god Pluto is a dwarf planet in the Solar System 4b58b6190c

In 1964, Gary Flandro of the Jet Propulsion Laboratory proposed a mission called Grand Tour, taking advantage of the fact that an alignment of planets in the late 1970s would enable a single spacecraft to visit all of the outer planets, including Pluto, by using gravity assists. Due to the cost, the mission was not funded, although the planetary alignment was used by the two probes of the Voyager program, launched in 1977. 4b58b6190c Pluto debuted in animated cartoons and appeared in 24 Mickey Mouse films before receiving his own series in 1937. All together Pluto appeared in 89 short films between 1930 and 1953. Several of these were nominated for an Academy Award, including The Pointer (1939), Squatter's Rights (1946), Pluto's Blue Note (1947), and Mickey and the Seal (1948). One film starring him, Lend a Paw (1941), won the award in 1942. Like all of Mickey Mouse's co-stars, Pluto appears extensively in comics, first in 1931. He returned to theatrical animation in 1990 with... 4b58b6190c

IAU definition of planet 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 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: 4b58b6190c

Pluto (mythology), god who rules the underworld, Roman equivalent of Hades 4b58b6190c 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... 4b58b6190c The issue of a clear definition for planet came to a head in January 2005 with the discovery of the trans-Neptunian object Eris, a body more massive than the smallest then-accepted planet, Pluto. In its August 2006 response, the

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International Astronomical Union (IAU), which is recognised by astronomers as the international governing body responsible for resolving issues of... 4b58b6190c Clyde Tombaugh's discovery of Pluto in 1930 appeared to validate Lowell's hypothesis, though Pluto was eventually determined to be too small for its gravity to affect the giant planets in 1978, resulting in a brief search for a tenth planet. The search was largely abandoned in the early 1990s, when a study of measurements made by the Voyager 2 spacecraft found that the irregularities observed in Uranus's orbit were due to a slight overestimation of Neptune's mass. 4b58b6190c After 1992, the discovery of numerous small icy objects with similar or even wider orbits than Pluto led to a debate over whether Pluto should remain a planet, or whether it and its neighbours should, like... 4b58b6190c

Pluto Pluto (minor-planet number 134340) is a dwarf planet in the Kuiper belt, a ring of bodies beyond the orbit of Neptune. Like other Kuiper belt objects, Pluto is made primarily of ice and rock and is much smaller than the inner planets. It is the largest known trans-Neptunian object by volume by a small margin, but is less massive than Eris. It is the ninth-largest and tenth-most-massive Pluto (minor-planet number 134340) is a dwarf planet in the Kuiper belt, a ring of bodies beyond the orbit of Neptune. Pluto has roughly one-sixth the mass of the Moon and one-third of its volume. Originally considered a planet, its status was changed when astronomers adopted a new definition of the word with new criteria. It is the ninth-largest and tenth-most-massive known object to directly orbit the Sun 4b58b6190c

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. 4b58b6190c Pluto (Oceanid) 4b58b6190c

Moons of Pluto In order of distance from Pluto, they are Charon, Styx, Nix, Kerberos, and Hydra. Charon, the largest, is mutually tidally locked with Pluto, and is massive enough that Pluto and Charon are sometimes considered a binary dwarf planet. In order of distance from Pluto, they are Charon, Styx, Nix, Kerberos, and Hydra. moons of the dwarf planet Pluto. Charon, the largest, is mutually tidally There are five known moons of the dwarf planet Pluto 4b58b6190c

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. 4b58b6190c The innermost and largest moon, Charon, was discovered by James Christy on 22 June 1978, nearly half a century after Pluto was discovered. This led to a substantial revision in estimates of Pluto's size, which had previously assumed that the observed mass and reflected light of the system were all attributable to Pluto alone. 4b58b6190c == Greek mythology == 4b58b6190c

Pluto in fiction It was initially comparatively popular as it was newly discovered and thought to be the outermost object of the Solar System and made more fictional appearances than either Uranus or Neptune, though still far fewer than other planets. Human settlement appears only sporadically, but it is often either the starting or finishing point for a tour of the Solar System. other planets. Human Pluto has appeared in fiction as a setting since shortly after its 1930 discovery, albeit infrequently. It has variously been depicted as an originally extrasolar planet, the remnants of a destroyed planet, or entirely artificial. Alien life, sometimes intelligent life and occasionally an entire ecosphere, is a common motif in fictional depictions of Pluto. Alien life, sometimes intelligent life and occasionally an entire ecosphere, is a common motif in fictional depictions of Pluto. Its moon Charon has also appeared in a handful of works 4b58b6190c

Pluto may also refer to: 4b58b6190c

Pluto (Disney) He is Mickey Mouse's pet. Officially a mixed-breed dog, he made his debut as a bloodhound in the Mickey Mouse cartoon The Chain Gang. Unlike most of the Disney characters, Pluto is not anthropomorphic beyond some characteristics such as facial expressions. He is a yellow-orange color, medium-sized, short-haired dog with black ears. He is a yellow-orange color, medium-sized, short-haired dog with black Pluto is an American cartoon character created by Walt Disney and Norm Ferguson. Together with Mickey Mouse, Minnie Mouse, Donald Duck, Daisy Duck, and Goofy, Pluto is one of the "Sensational Six"—the biggest stars in the Disney universe. Though all six are non-human animals, Pluto alone is not dressed as a human. Pluto is an American cartoon character created by Walt Disney and Norm Ferguson 4b58b6190c

Pluto, discovered by Clyde Tombaugh in 1930, is an interesting target for planetary exploration, but Pluto presents significant challenges for exploration because of its small mass and great distance from Earth. 4b58b6190c

Dwarf planet The prototypical dwarf planet is Pluto, which for decades was regarded as a planet before the "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. the eight classical planets of the Solar System 4b58b6190c

Pluto has five known moons: Charon (the largest and the diameter of which is just over half that of Pluto), Styx, Nix, Kerberos, and Hydra... 4b58b6190c

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