

List of planets smallest to largest

What are the smallest and largest planets in order?

The size of the planets in order from smallest to largest is Mercury, Mars, Venus, Earth, Neptune, Uranus, Saturn, and Jupiter. The size of planets in our solar system varies dramatically. Let's explore the sizes of the planets, including their radius and diameter in both kilometers and miles, and their relative sizes compared to Earth.

What are the smallest planets in our Solar System?

Planets in our Solar system size comparison. Largest to smallest are pictured left to right, top to bottom: Jupiter, Saturn, Uranus, Neptune, Earth, Venus, Mars, Mercury. Via Wikimedia Commons. If you're interested in planets, the good news is there's plenty of variety to choose from in our own Solar System.

How big is Earth compared to the smallest planet?

Our home planet Earth is the fifth largest of the eight planets and measures in at 12,756 km in diameter. This means that Earth is actually approximately 2.6 times the diameter of the smallest planet, Mercury. Another size comparison puts Earth at 3.67 times the diameter of the Moon.

Which planet is smaller than Mercury?

The dwarf planet Pluto is smaller than Mercury. Earth is the largest terrestrial or inner planet. Our solar system comprises eight planets, which fall into two categories: the smaller, rocky inner planets (Mercury, Venus, Earth, and Mars) and the larger, gas giants (Jupiter, Saturn, Uranus, and Neptune).

What is the largest planet in the Solar System?

Earth is the largest terrestrial or inner planet. Our solar system comprises eight planets, which fall into two categories: the smaller, rocky inner planets (Mercury, Venus, Earth, and Mars) and the larger, gas giants (Jupiter, Saturn, Uranus, and Neptune). Another name for the gas giants is the Jovian planets, for their similarity to Jupiter.

What are the approximate sizes of the planets relative to each other?

This illustration shows the approximate sizes of the planets relative to each other. Outward from the Sun, the planets are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune, followed by the dwarf planet Pluto. Jupiter's diameter is about 11 times that of the Earth's and the Sun's diameter is about 10 times Jupiter's.

The smallest planet in regards to both mass and volume is Mercury -- at 4,879 km across and 3.3010×10^{23} kg, this tiny world is nearly 20 times less massive than Earth, and its diameter is about 1/29 times smaller. In fact, ...

If you're curious about how our planet stands, here's a list of the largest planets in the solar system, from smallest to largest. Mercury; Size (Radius): 2,440 km (1,516 miles) Size (Mass): 3.285×10^{23} kg



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Distance from ...

Mercury is the closest planet to the Sun and is the smallest of the eight planets being only slightly larger than our moon. Mercury's surface temperatures vary in extremes reaching day temperatures as high as 800°F (430°C) and dipping as low as -290°F (-180°C), lacking the atmosphere to hold the heat at night. ... Jupiter is the largest ...

Study with Quizlet and memorize flashcards containing terms like List all the outer planets in order of size, from smallest to largest., Why do all of the gas giants have thick atmospheres?, How are the gas giants similar to one another? and more.

The largest planets, rightly called the gas giants, are located on the outskirts of the solar system while the smallest, the rocky planets, are located in the inner region. Jupiter is first, with a diameter of 88,846 miles (142,800 ...

The largest planet in our solar system by far is Jupiter, which beats out all the other planets in both mass and volume. Jupiter's mass is more than 300 times that of Earth, and its diameter, at 140,000 km, is about 11 times Earth's diameter.

Kepler-37e is listed with a radius of 0.37 ± 0.18 R_J in the Exoplanet Archive based on KOI data, but the existence of this planet is doubtful, [21] and assuming its existence, a 2023 study found a mass of 8.1 ± 1.7 M_J, inconsistent with such a small radius. [22] KOI-6705.01, listed as a potential very small planet in the KOI dataset, was shown to be a false positive in 2016.

Classification of Planets by Size From Biggest to Smallest. The solar system has 8 planets, each of them is sorted in this classification planets by size according to its diameter in kilometers and miles, from the largest to the smallest and vice versa. We note that the smallest planet in the solar system could fit about 30 times inside the largest.

Now people have petitioned to bring Pluto back to its planet-hood, but who knows if that will happen. Pluto is only 1,400 miles wide, making it smaller than the United States. NASA sent a probe to Pluto in 2006 named New Horizons and it completed its Pluto flyby in 2015. Planet Nine. The "last" planet on our list is Planet Nine.

Explore the fascinating world of the Solar System with planets in order of mass, density, and more. Perfect ice-breakers for star parties and beyond! ... The planets in our solar system, ordered from smallest to largest in terms of ...

One day on Neptune lasts 16 hours, while a year is equivalent to 165 Earth years, the longest of any planet. Neptune is the fourth-largest planet having a diameter of around 49,244 km / 30,598 mi. It is primarily composed out of layers of gases, around 29% helium and 80% hydrogen, with traces of other elements.

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Pluto - The smallest planet, Pluto is now considered a "Dwarf planet" by the International Astronomical Union (IAU) since August 24, 2006. Charon - the largest moon of Pluto. ... Jupiter - The largest planet in the Solar System. Saturn - Sixth planet from the Sun. It has giant rings around it. Uranus - Seventh planet from the Sun. It ...

Explore the fascinating world of the Solar System with planets in order of mass, density, and more. Perfect ice-breakers for star parties and beyond! ... The planets in our solar system, ordered from smallest to largest in terms of diameter, are: Mercury: Diameter of roughly 4,880 kilometres. Mars: Diameter of about 6,779 kilometres.

Here is the list of the known planetary moons in the solar system. Planets Mercury and Venus have no moons. Other planets in the solar system have one or more moons orbiting them. As of June 2023, with 146 confirmed moons, Saturn is the planet that has the most moons in Solar System. Moons come in many shapes, sizes, and types.

Mercury is the closest planet to the Sun and is the smallest planet in our Solar System after Pluto was reclassified as a dwarf planet in 2006. Mercury circles around the Sun in an egg-shaped orbit. Thanks to its egg-shaped orbit, ...

The smallest planet, Mercury, is the planet closest to the Sun. Because Mercury is so close to the Sun, it is difficult to observe from Earth, even with a telescope. ... But Olympus Mons is also the largest mountain in the solar system (Figure below). Olympus Mons is about 27 km (16.7 miles/88,580 ft) above the Martian surface, more than three ...

A list of the 8 planets of the solar system, from the smallest diameter to the largest: 1. Mercury - 4,900 km in diameter 2. Mars - 6,800 km in diameter 3. Venus - 12,100 km in diameter 4. Earth ...

Find step-by-step Earth science solutions and your answer to the following textbook question: The universe has many different components. Which list places four components of the universe in the most likely order from smallest to largest? a. Planets, stars, galaxies, nebulae. b. Nebulae, stars, planets, galaxies. c. Planets, stars, nebulae, galaxies.

Covering a whopping 44.6 million km²; (17.2 million square miles), Asia is the world's largest continent by far. In total, nearly 4.8 people live across the 48 countries. It's home to almost 60% of the world's population, which includes two of the world's most populous countries (China and India).. Asia is home to a beautifully diverse landscape.

Here is a list of the planets in order from largest to smallest: Jupiter - The largest planet in our solar system, Jupiter is a gas giant with a diameter of about 139,822 kilometers (86,881 miles). It's so massive that it's more than ...



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The order of the planets from smallest to largest goes like this: Pluto, Mercury, Mars, Venus, Earth, Neptune, Uranus, Saturn and finally Jupiter. The smallest planet in the solar system was Pluto ...

But then you should probably also include Ceres, which was considered to be a planet a long time before Pluto was discovered. Here are all diameters of the Solar Planets from smallest to largest ...

Mercury is the smallest planet in our solar system. Mercury is a little more than one-third the width of Earth, and has an equatorial diameter of about 3,032 miles (4,880 kilometers). Mercury is the closest planet to the Sun, ...

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