

# Which is the smallest planet in the solar system

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## Overview

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What is the smallest planet in the Solar System?

Our solar system is home to eight planets, all of which have different sizes, masses, and densities. The smallest planet in terms of size in our solar system is Mercury, which also happens to be the closest planet to the sun. Mercury is the smallest planet with a diameter of 3,032-miles (4,879-kilometres). How Small Is Mercury?

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Is Mercury the smallest planet in the Solar System?

Mercury may be the smallest planet in the solar system, yet it is actually one of the densest planets in the solar system. In fact, the only planet denser than Mercury is Earth, which makes Mercury the second densest planet in the solar system. However, if we measure density relative to size, then Mercury is actually denser than Earth.

What is the smallest dwarf planet?

Ceres is the smallest dwarf planet with an equatorial diameter of about 599 miles (about 964 kilometers). Ceres is about 1/13 the width of Earth.

Which planet has the shortest year?

Mercury is the fastest planet in our solar system – traveling through space at nearly 29 miles (47 kilometers) per second. The closer a planet is to the Sun, the faster it travels. Since Mercury is the fastest planet and has the shortest distance to travel around the Sun, it has the shortest year of all the planets in our solar system – 88 days.

Which planet is closest to the Sun?

Mercury is the closest planet to the Sun, orbiting at an average distance of 36 million miles (58 million kilometers). Mercury is 57 million miles closer to the



Sun than Earth. Pluto is the largest dwarf planet in our solar system, just slightly larger than Eris, at number two.

What is the largest planet in the Solar System?

Hold Mercury in your hand: Sky & Telescope offers a 12-inch Mercury globe based on imagery from NASA's Messenger spacecraft. The largest planet in our solar system by far is Jupiter, which beats out all the other planets in both mass and volume.



## Which is the smallest planet in the solar system

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### In Depth , Mercury

The smallest planet in our solar system and nearest to the Sun, Mercury is only slightly larger than Earth's Moon. From the surface of Mercury, the Sun would appear more than three times as ...



### Planets in Order From the Sun , Pictures, Facts, and Planet Info

The solar system encompasses planets, moons, asteroids, comets, and dwarf planets, that orbit around the Sun at its center. The solar system was created about 4.6 billion years ago in a collapsing cloud of gas and dust that eventually flattened into a rotating disk.



### Which is The Smallest Planet in Solar System?

Mercury is the smallest and nearest planet to the Sun in the Solar System. Its orbit around the Sun is the shortest of all the Sun's planets, taking 87.97 Earth days. It is called after the Roman god Mercurius (Mercury), the god of commerce, a messenger of the gods, and an intercessor between gods and mankind, who corresponds to the Greek god Hermes.

### Mercury - 1st planet from sun, smallest planet

Mercury is the smallest planet in the solar system, 60% smaller than Earth and only 1404 km (872.4 miles) larger than our moon, but it



also has the second highest density of 5.43 g/cm3. ...

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### [What is the smallest known planet? . Space](#)

By most measures, Earth is small. The solar system's largest planet, Jupiter, could fit over 1,300 Earths inside it. But Earth isn't the smallest planet in the solar system; that title went to

### Mercury

Mercury is the smallest planet in our solar system and the nearest to the Sun. Mercury is only slightly larger than Earth's Moon. Its surface is covered in tens of thousands of impact craters. Despite its proximity to the Sun, Mercury is not

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### The Smallest Planet In Our Solar System, Check ...

Smallest Planet in our Solar System Mercury, among the diverse celestial bodies in our solar system, captures attention as the most intriguing due to its diminutive size. With a primary radius of only 2,440 ...



### Which is the Smallest Planet?

Mercury is the smallest planet in our Solar System. Specifically it's the smallest of the major planets, excluding dwarf planets. As you can imagine, dwarf planets are smaller than the main ...

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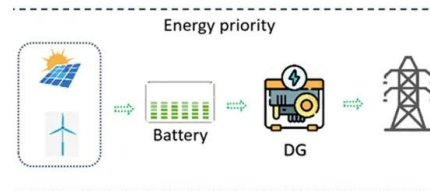


### What Are the Solar System Planets in Order?

You know Saturn and Venus and Mars. Can you put the eight planets of the solar system in the correct order? There are several ways to do this. Or you could order the planets by weight (mass). Then, the list from most massive to least massive would be: Jupiter ( $1.8986 \times 10^{27}$  kilograms), Saturn ( $5.6846 \times 10^{26}$  kg), Neptune ( $10.243 \times 10^{25}$  kg), Uranus ...

### **All About Mercury , NASA Space Place - NASA Science for Kids**

Mercury is the smallest planet in our solar system. It's just a little bigger than Earth's Moon. Mercury itself, though, doesn't have any moons. It is the closest planet to the Sun, but it's actually not the hottest. Venus is hotter. Along with Venus, Earth, and Mars



### **The Hottest And Coldest Planets Of Our Solar System**

Venus is the second closest planet to the Sun, and it's the hottest planet in the solar system. Venus orbits the Sun at a distance of 67-million miles (108-million kilometres). That is nearly twice as far as Mercury.



## The Planets In Order , From The Sun, Information, ...

In our Solar System, there are eight planets. The planets in order from the Sun based on their distance are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. The planets of our Solar System are ...



### Planets of our Solar System

Our Solar System is amazing! At the centre is the Sun. Orbiting around the Sun are eight planets with over 100 moons between them, at least five dwarf planets, countless asteroids and the

## What is the Smallest Planet in Our Solar System? Mercury Facts ...

Now that you have some good knowledge about the solar systems smallest planet, why not learn more about the spectacular solar system with Learning Moles other learning resources such as Top 101 Easy Solar System Facts for Kids, 8 Planets in the Solar .



### Which is the Smallest Planet?

Mercury is the smallest planet in our Solar System. Specifically it's the smallest of the major planets, excluding dwarf planets. As you can imagine, dwarf planets are smaller than the main planets so there are plenty of smaller planet-like objects. Ceres is the In



### How Many Planets are in our Solar System? , Facts & Amount

The smallest planet in our Solar System is Mercury, which is only one third the size of Earth, while the biggest planet in the Solar System is Jupiter, which is 11 times bigger than our Earth, and more than 1,300 could fit inside it if it were hollow.



### Solar System Sizes

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. ...



### Mercury: Solar System's Smallest Planet

Mercury, the smallest and closest planet to the Sun in our Solar System, undergoes the most significant temperature changes among all planets due to its minimal atmosphere, which fails to trap heat effectively. Learn in ...



### All About Mercury , NASA Space Place - NASA Science for Kids

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### About the Planets

Beyond Neptune, a newer class of smaller worlds called dwarf planets reign, including longtime favorite Pluto. The other dwarf planets are Ceres, Makemake, Haumea, and Eris. Ceres is the only dwarf planet in the inner solar system. It's ...



### [Mercury: Facts about the smallest planet](#)

Mercury is the closest planet to the sun and the smallest planet in our solar system. With a diameter of about 3,032 miles (4,880 kilometers), Mercury is less than half the size of Earth, which is

### Mercury: A complete guide to the closest planet to the ...

Mercury is the smallest planet in the solar system -- it is only slightly larger than Earth's moon. Since it has no significant atmosphere to stop impacts, the planet is pockmarked with craters.



### [List of Solar System objects by size](#)

These lists contain the Sun, the planets, dwarf planets, many of the larger small Solar System bodies (which includes the asteroids), all named natural satellites, and a number of smaller objects of historical or scientific interest, such as comets and near-Earth.





### Mercury (planet)

Mercury is the first planet from the Sun and the smallest in the Solar System English, it is named after the ancient Roman god Mercurius (), god of commerce and communication, and the messenger of the gods. Mercury is classified as a terrestrial planet, with roughly the same surface gravity as Mars..

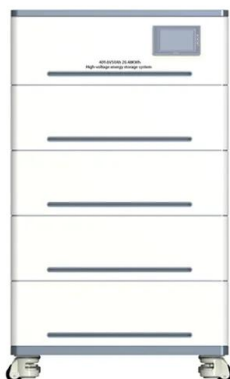
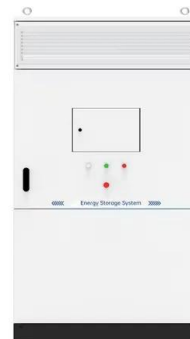


### What Is The Largest Planet In The Solar System?

Mercury is the smallest planet in the solar system, with a diameter of 4,849 kilometers, or about 38% the size of Earth. Mercury is also the closest planet to the Sun at an average of 48-million kilometers. Being so close ...

### Mercury , Facts, Color, Size, & Symbol , Britannica

Mercury, the innermost planet of the solar system and the eighth in size and mass. Its closeness to the Sun and its smallness make it the most elusive of the planets visible to the unaided eye. Because its rising or setting is always within about two hours of the Sun's, it is never observable when the sky is fully dark.



### Meet Mercury: Fascinating details about the smallest planet in our

Mercury is the smallest planet in our solar system and is the closest to the Sun. It is only slightly larger than the Earth's moon and has a diameter of about 3,031 miles (4,879.4 km), slightly



### **Mercury: The Solar System's smallest planet may once have ...**

Mercury is a planet of extremes. With a total volume little more than the Moon, it is the smallest planet in the Solar System and is situated the closest to the Sun. Mercury has no atmosphere to



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