

# What planet is smaller than earth

Which planet is smaller than Earth?

Earth's "twin planet" Venus is only slightly smaller than Earth with a diameter of 12,104 km. Venus also has a similar gravitational pull of 8.87 m/s<sup>2</sup> to that of Earth's 9.81 m/s<sup>2</sup>. The red planet of Mars has a diameter of only 6,780 km. This makes it 20.5 times smaller in diameter than Jupiter.

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).

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.

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 a planet compared to the Earth?

When it comes to their measurable sizes in diameter, the planets vary greatly. Jupiter, for example, is approximately 11 times the diameter of the Earth. Mercury, on the other hand, is 2.6 times smaller in diameter than the Earth. Below you will find a list of the planet's mean diameters from largest to smallest.

Pluto, discovered in 1930, was identified as the ninth planet. But Pluto is much smaller than Mercury and is even smaller than some of the planetary moons. It is unlike the terrestrial planets (Mercury, Venus, Earth, Mars), or the gas giants (Jupiter, Saturn), or ...

Mercury is only slightly larger than Earth's moon. Next is Venus, a planet with a radius of 6052 km, only slightly smaller than Earth. Then comes Earth, the planet with the highest average density (5.5 g/cm<sup>3</sup>), and then Mars. Mars' radius is about half Earth's radius. It is a dusty, cold planet, but might have inhabited

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some form of life long ago.

Pluto is smaller than some moons - namely Ganymede, Titan, Callisto, Io, Europa, Triton, and the Earth's Moon. Pluto's largest Moon Charon neither rises nor sets in Pluto's skies. Like communications satellites in the Earth's geostationary orbit, Charon is ...

The Moon is the only natural and permanent satellite of Earth. Some planets have two moons, like Mars, others have tens of moons, such as ... Callisto, and Europa are smaller than Mercury but more prominent than all the dwarf planets. Out of the remaining six, two of the biggest moons in the Solar System belong to Saturn, the second biggest ...

Mars has a dense core at its center between 930 and 1,300 miles (1,500 to 2,100 kilometers) in radius. It's made of iron, nickel, and sulfur. Surrounding the core is a rocky mantle between 770 and 1,170 miles (1,240 to 1,880 kilometers) thick, and above that, a crust made of iron, magnesium, aluminum, calcium, and potassium.

Mercury - Innermost Planet, Smallest, Hot: Mercury is an extreme planet in several respects. Because of its nearness to the Sun--its average orbital distance is 58 million km (36 million miles)--it has the shortest year (a revolution period of 88 days) and receives the most intense solar radiation of all the planets. With a radius of about 2,440 km (1,516 miles), ...

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 large as it does when viewed from Earth, and the sunlight would be as much as seven times brighter. ... Mercury is the second densest planet, after Earth ...

Earth is small compared to the Sun, in the volume of the Sun could put more than a million Earths (1,305,620). Its average diameter is 12,742 km and that of the Sun, 1,392,684 km (109 times larger). The image shows the size ratio Earth / Sun, if the Earth stood on the same plane, very close to the Sun.

In research published online Feb. 20 in the journal Nature, the scientists reported finding a planetary system, Kepler-37, with three planets. Two of them are smaller than Earth, and one of these is smaller than Mercury, the smallest of the eight planets in Earth's solar system. Until now, astronomers had never found a planet smaller than ...

Its diameter is slightly more than half that of Earth's. So how do the other planets compare to our Earth? Let's find out! Earth and Solar System Size Comparison Earth vs Mercury. Mercury is the smallest terrestrial planet, and overall the smallest planet in our Solar System. It has a diameter of only 4,879 km / 3,032 mi and a radius of 2,381 km. ...

Each season on Mars is longer than each on Earth because the Martian year is longer. The climate on Mars is



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colder, drier and harsher than in any place on Earth. Earth's average temperature is 14 °C, but the average temperature on Mars is a chilly -63 °C. Mars is colder than Earth because it is farther from the Sun.

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