# Venus

## How big is Venus



Figure Comparing Venus with Earth

Venus is almost the same size as the Earth. This is one reason why Venus is sometimes thought of as Earth's "twin". Venus has a *diameter* of about 12,100 km.

## How long is a year on Venus

One year on Venus is almost 225 Earth days long. This is less time than it takes Venus to rotate on its axis and less than two Venus days

## What is Venus made of

The surface of Venus, its crust, is covered in rock. The core of Venus is made of nickel-iron. The atmosphere around Venus is very thick and is made of carbon dioxide, nitrogen, and poisonous gasses that create high pressure and trap in heat.

## Venus Facts



* Venera 7, the first space probe to land on Venus, was destroyed by the hostile conditions on Venus after only 23 minutes.
* Almost all of the surface features on Venus are named after women.
* A day on Venus is equal to 117 days on Earth.