



Image GPN-2000-001131 courtesy of NASA.

To calculate your weight on different planets, click on this link.

[Your Weight on Other Worlds](#)

To see a picture that shows the relative sizes of the planets, click on this link.

[The Space Place](#)

For more information about the nine planets in our solar system, click on one of these links.

[Welcome to the Planets](#)

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How much would you weigh on Jupiter?

When you weigh yourself on a scale, what you're really measuring is the force of attraction between yourself and Earth. Weight is the measurement of attraction between any two objects that have mass.

Because the nine planets in our solar system (Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, and Pluto) are different sizes and masses, your weight would be different on each planet. For example, if you weigh 100 pounds on Earth, you would weigh a whopping 236 pounds on Jupiter, but you would be a featherweight on Pluto, where you would weigh only about 6.5 pounds!

However, it isn't even possible to stand on all the planets. Jupiter, Saturn, Uranus, and Neptune are made of gas; they have no surface to stand on. Even if you *could* stand on Neptune, think twice about making the trip! It's cold (-370 °F), winds blow as fast 1,200 mph, and it's over 2.5 billion miles from home!

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