

## Compared to jupiter and saturn venus and mars hae greater

Inner planets, also known as terrestrial planets, are the planets in our solar system that are closest to the Sun and have solid, rocky surfaces, including Mercury, Venus, Earth, and Mars, while outer planets, also known as gas giants, are the larger planets located beyond the asteroid belt, including Jupiter, Saturn, Uranus, and Neptune ...

The distance among each of the eight planets in our Solar System will alter depending on where each planet is in its orbit revolution around the Sun. Depending on the time of year the distance can also differ significantly.

Both planets have similar surface geology. and more. Study with Quizlet and memorize flashcards containing terms like Compared to the distance between Earth and Mars, the distance between Jupiter and Saturn is \_\_\_\_\_. much larger much smaller just slightly less about the same, How is Einstein's famous equation,  $E = mc^2$ , important in ...

Jupiter and Saturn have many similarities in composition and internal structure, although Jupiter is nearly four times more massive. Uranus and Neptune are smaller and differ in composition and internal structure from their large siblings. Some of the main properties of these four planets are summarized in Table 11.3.

Venus also has a similar gravitational pull of  $8.87\text{m/s}^2$  to that of Earth's  $9.81\text{m/s}^2$ . 7. The red planet of Mars has a diameter of only 6,780 km. This makes it 20.5 times smaller in diameter than Jupiter. Mars is 53% of the diameter of planet Earth, but only has approximately 38% of the surface area of our planet. 8.

4 days ago&#0183; On Mercury a day lasts 1,408 hours, and on Venus it lasts 5,832 hours. On Earth and Mars it's very similar. Earth takes 24 hours to complete one spin, and Mars takes 25 hours. The gas giants rotate really fast. Jupiter takes just 10 hours to complete one rotation. Saturn takes 11 hours, Uranus takes 17 hours, and Neptune takes 16 hours.

Compared to Jupiter, the most giant planet in the solar system, Mars is significantly more minor but still holds a prominent place in our cosmic neighborhood. In a planet size comparison, Mars revolves around the Sun at a mean distance of 228 million kilometers (140 million miles), which is about 1.5 times the spacing of Earth from the Sun.

The main differences between Jupiter and Venus is that Jupiter is the 5th farthest planet from the Sun, the largest planet in our solar system, has the strongest magnetic field in the solar system and has 79 moons whilst Venus has 0 ...

Uranus and Neptune B. Jupiter and Earth c. Saturn and Venus D. Mercury and Pluto Answer: D, because Pluto

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and Mercury have the most circular shapes because they aren't stretched out like the other planets and flat=more eccentric since a circle has an eccentricity of 0 and a flat line is 1.

Study with Quizlet and memorize flashcards containing terms like Compared to the distance between Earth and Mars, the distance between Jupiter and Saturn is \_\_\_\_\_. (CH6), How is Einstein's famous equation,  $E=mc^2$ , important in understanding the Sun? (CH 6), In what way is Venus most similar to Earth? (CH 6) and more.

Study with Quizlet and memorize flashcards containing terms like A planet, but not a dwarf planet, \_\_\_\_\_, Mercury has essentially no atmosphere because \_\_\_\_\_. (Select all that apply.), Which of the following accurately describes Venus's atmosphere? and more.

Jupiter travels a bit faster than the previous three planets with an orbital speed of 13.07 km/s. This translates to approximately 29,236 miles per hour. 6. Saturn travels at 9.69 km/s, or 21,675 miles per hour, which makes it the third slowest planet. 7. Uranus is the second slowest planet with an orbital speed of 6.81 km/s. This equates to ...

Study with Quizlet and memorize flashcards containing terms like Compared to the distance between Earth and Mars, the distance between Jupiter and Saturn is \_\_\_\_\_, How is Einstein's famous equation,  $E = mc^2$ , important in understanding the Sun?, Venus has a higher average surface temperature than Mercury. Why? and more.

Jupiter has the greatest gravitational force at its surface, and the moon has the weakest. The moon, on the other hand, exerts the strongest gravitational force on Earth because it's the closest body to our planet. ... but its surface gravity is about the same as that of the much larger Mars because Mercury is more dense. Similarly, Saturn is ...

With their alluring looks and fascinating mysteries, Jupiter and Saturn, the two largest celestial planets in our solar system after the sun, have enthralled astronomers and space enthusiasts for decades. The behemoth of the solar system, Jupiter, is home to a stunning variety of whirling clouds, including the storm that is larger than Earth and known as the Great Red Spot.

Study with Quizlet and memorize flashcards containing terms like Compared to Earth's atmosphere, the atmosphere of Mars has surface pressures that are \_\_\_\_\_, The Moon has highland areas which approach the height of mountains on Earth., The surface features of \_\_\_\_\_ are known only through satellite radar mapping. and more.

Saturn has a diameter of 116,460km compared to Jupiter's diameter of 139,820km. So there's not much of a clear difference, but still enough to notice. ... The other terrestrial planets in our solar system are Venus, Mercury, Earth, and Mars! Both Have a Hotter Central Core. ... Both Saturn and Jupiter have a a gravitational

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pull force that ...

The planets known as 'gas giants' include Jupiter, Uranus, and A) Mars B) Pluto C) Earth D) Saturn. D) Saturn ... A comparison of the age of Earth obtained from radioactive dating and the age of the universe based on galactic Doppler shifts ... Compared to Jupiter and Saturn, Venus and Mars have greater A) equatorial diameters B) orbital ...

Jupiter and Saturn are both much larger than Venus and Mars, with diameters of about 143,000 kilometers and 116,460 kilometers, respectively. Venus has a diameter of about 12,104 kilometers, and Mars has a diameter of about 6,779 kilometers. Therefore, Venus and Mars have smaller equatorial diameters compared to Jupiter and Saturn.

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