

Astronomy multiple choice questions answers

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What is the hardest question in astronomy? "Will the Universe end?" is one of the biggest, and perhaps most important, questions about the Universe. Whether the Universe will exist forever or in some way 'end' depends on its rate of expansion, the average density of matter, and the fractions of matter, dark matter and dark energy it contains.

What questions does astronomy answer?

Which four letter word beginning with n is a star showing a sudden large increase in brightness then gradually returning to its original state over a period of weeks to years? A nova (pl. novae or novas) is a transient astronomical event that causes the sudden appearance of a bright, apparently "new" star (hence the name "nova", Latin for "new") that slowly fades over weeks or months.

What are two questions that astronomers try to answer?

Is astronomy a lot of math? In astronomy we use algebra, calculus, statistics and probability, but also trigonometry and logarithms to calculate things like movement, distances and even the chemical characteristics of distant stars and galaxies.

What planet is the hardest to see? Mercury is by far the most difficult naked eye planet to see, and there's a very good reason why. Mercury, unlike the other planets, never appears very far away from the horizon in the night sky.

Which planet has no moon? Mercury and Venus are the only planets in our solar system without moons (i.e. they do not have any natural satellite).

What is the hottest planet? Venus' thick atmosphere traps heat creating a runaway greenhouse effect – making it the hottest planet in our solar system with surface temperatures hot enough to melt lead. The greenhouse effect makes Venus roughly 700°F (390°C) hotter than it would be without a greenhouse effect.

Is space flat or curved? Most cosmological evidence points to the universe's density as being just right — the equivalent of around six protons per 1.3 cubic yards — and that it expands in every direction without curving positively or negatively. In other words, the universe is flat.

Which planet has the most moons? But it's the gas giants that have the most moons. Jupiter boasts 95 moons but Saturn has more moons than Jupiter, with a staggering 146 confirmed so far. So which planet has the most moons? The answer is Saturn.

What is a star that suddenly increases in brightness? Figure 21.1 A nova is a star that suddenly increases enormously in brightness, then slowly fades back to its original luminosity. Novae are the result of explosions on the surfaces of faint white-dwarf stars, caused by matter falling onto their surfaces from the atmosphere of a larger binary companion.

What is formed if the star is very massive or big enough? If the star which explodes is especially large, it can even form a black hole.

Which planet has the largest rings? Saturn, which has by far the largest ring system, was known to have rings for a long time. It was not until the 1970s that rings were discovered around the other gas planets. The rings around Jupiter, Uranus, and Neptune are much smaller, darker, and fainter than the rings of Saturn.

Which planet has the largest ocean? The composition of Jupiter is similar to that of the Sun – mostly hydrogen and helium. Deep in the atmosphere, pressure and temperature increase, compressing the hydrogen gas into a liquid. This gives Jupiter the largest ocean in the solar system – an ocean made of hydrogen instead of water.

What are the 2 types of astronomy? In the past century or so, astronomy has been broadly split into two camps — observational astronomy (using telescopes and cameras to collect data about the night sky) and theoretical astronomy (using that

data to analyze, model and theorize about how objects and phenomena work).

What is astronomy math called? an abstract representational system used in the study of numbers, shapes, structure and change and the relationships between these concepts is called mathematics. Def. the branches of mathematics used in the study of astronomy, astrophysics and cosmology is called astromathematics.

How are logarithms used in astronomy? Using logarithmic scales is particularly useful when drawing graphs in astronomy, when amounts that need to be plotted can greatly vary in size. For example, this graphic shows the luminosity-period relation for 1500 variable stars in the Large Magellanic Cloud.

How is algebra used in astronomy? Astronomers frequently use math in their work to attain their objectives. They use it to determine the paths of satellites, rockets, and space vehicles, as well as to convey signals in the global positioning system when compressed data is sent. Algebra is used to compute speed and track motion.

Which is the lazy planet? Rahu is known to confer malefic effects in general and is considered as a planet which induces laziness, delays, and hurdles in work. Rahu is known to reflect its shadow for 18 months in a zodiac. It can create confusion, depression and emotional imbalance if placed negatively in the horoscope.

Which planet has no atmosphere? Mercury is the only planet without any kind of atmosphere. It does, however, have an exosphere, which is made up of gases that are absorbed from the solar wind and emitted from the planet's surface. Hydrogen, Helium, and Oxygen are among the pollutants.

Which planet Cannot be seen with eye? As Uranus and Neptune are very far away from the Earth they are not easily visible. Telescopes are essentially required to view these two planets.

What is the hardest thing in astronomy? Neutron star crust is the strongest material in the universe, and a teaspoon of this superlative matter would weigh 5 tons if brought to Earth's surface. This immense strength means that neutron star crusts can't be modeled with typical fluid dynamics models that don't take material strength into account.

What is the hardest question on the planet?

What is the hardest science question ever?

What makes astronomy difficult? In fact, astronomy is a challenging science, but not because the universe is inaccessible in the conventional sense. Rather, astronomers must apply equal measures of analytic thinking and imagination, logic and intuition, to answer the most fundamental questions about the cosmos: What are stars and planets?



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