

Astronomy through practical investigations

no 9 answers

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What is the hardest question in astronomy?

What do you learn in Grade 9 astronomy? Two important goals from the unit are exploring the origin of the elements of the periodic table and understanding how our observations of the sky allow us to figure out how the universe works. The study of astronomy starts in the daytime!

What questions does astronomy answer?

What does astronomy investigate? Astronomy is the study of everything in the universe beyond Earth's atmosphere. That includes objects we can see with our naked eyes, like the Sun , the Moon , the planets, and the stars . It also includes objects we can only see with telescopes or other instruments, like faraway galaxies and tiny particles.

What is the hardest planet to study? Difficult to observe Out of the five planets known since ancient times as the 'wandering stars', Mercury is the one least explored.

What is the hardest planet to see from Earth? Gallant (Doubleday & Company, Inc. 1962): "Mercury is the most difficult planet to observe, has very little to offer, and is difficult to see because it is so small and so close to the sun." This certainly doesn't sound very inviting for someone who might want to try and see Mercury for themselves.

What is the first thing you learn in astronomy? An introductory astronomy course covers topics such as the sun, stars and the planets. Students taking an introductory astronomy class learn about the physical universe through class lectures and labs.

What is taught in college astronomy? Major topics include the history of astronomy, the sun, moon and planets, stars, constellations and galaxies, telescopes and other instruments.

How do I start understanding astronomy? For anyone completely new to astronomy, the first step is to become familiar with the night sky, how it changes through the night and season by season, and how it varies according to the observer's latitude. A planisphere (or "star wheel"), monthly sky guide, or computer software will help with this.

What is the hardest thing to learn in astronomy? What's the hardest thing to explain about the universe? Neil: The hardest thing, I think by far, is how we analyze spectra — light broken up into its component colors. It's so abstract, so removed from the actual object we're studying.

How long do stars live? Every star has its own life cycle, ranging from a few million to trillions of years, and its properties change as it ages.

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.

What is the highest salary of an astronomer?

What is the main goal of astronomy? Much of astronomy is concerned with understanding distant phenomena, seeing the invisible, and studying the most extreme events in the Universe.

Is studying astronomy worth it? Why should I study Astronomy? Many students with a degree in astronomy go on to rewarding careers as researchers and educators. Others work for national observatories, research centers, private industry, museums and planetariums, or in journalism and public relations.

What is the most disturbing planet?

What is the most secret planet? Planet Nine is a hypothetical ninth planet in the outer region of the Solar System. Its gravitational effects could explain the peculiar clustering of orbits for a group of extreme trans-Neptunian objects (ETNOs), bodies beyond Neptune that orbit the Sun at distances averaging more than 250 times that of the Earth.

What is the most unloved planet in the world? The butt (snigger) of countless jokes, Uranus is almost certainly the most unloved planet in our solar system.

What is the deadliest planet to humans? (2007). Nature, Vol. 450. 0.015% 0.007% 3.5% 64% Page 2 Venus is the most dangerous planet in the solar system: its surface is at 393°C, hot enough to melt lead.

What is the forbidden planet in the world? Astronomers have found an unusually large planet orbiting a small star, located about 280 light-years from Earth. The unexpected size of the newly discovered world, called TOI 5205b, has led researchers to call it the “forbidden planet.”

What planet has never been visited? Not much is known about Pluto, the only planet that has not been visited by an explorer spacecraft, and our best image of its surface is a hazy picture taken by the Hubble Space Telescope in 1996.

What is the hardest question in the world about space? "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.

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What is the world's hardest physics question?

What is the hardest thing in space? 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.

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