

Looking for space trivia questions and answers? Look no further! This list of trivia questions and answers about space, the solar system, and the universe we live in is *extremely fun!* Enjoy playing this game with friends and family.

Don't forget to download the free space trivia questions and answers PDF at the bottom of this page. It makes it easy to print each trivia question and answer to ask friends during your next party, gathering, or desire to play over text.

Originally from: <https://icebreakerquestions.info/space-trivia-questions/>

How to Play

To play with a group in a point system, simply print the trivia questions below and have each player guess the answer to the asked trivia question. One player must be the "game head." This is the person who asks the questions to the group. Each person who guesses the answer correctly earns a point.

Determine the number of questions you want to ask. Normally 50 questions. The player with the most points at the end of the game is the winner.

Space Trivia Questions and Answers

The space trivia questions and answers below are perfect for players of all age groups. Some questions are difficult, intended for adults. While other questions are easier to answer, which are intended for young children and kids. *Test your knowledge and have fun!*

Space Trivia for Middle School and Adults

Trivia Question: What is the largest planet in our solar system?

Answer: Jupiter.

Trivia Question: What is our solar system called?

Answer: Milky Way Galaxy.

Trivia Question: How far away is Venus?

Answer: 157.85 million miles.

Trivia Question: How far away is Mars?

Answer: 188.48 million miles.

Trivia Question: Which number planet is Jupiter?

Answer: The 5th planet from the sun.

Trivia Question: How large is the sun?

Answer: 1.989×10^{30} kg.

Trivia Question: What is a black hole?

Answer: A black hole is a place in space where gravity pulls so much that even light can not get out.

Trivia Question: What is a moon?

Answer: A moon is an object that orbits a planet or something else that is not a star.

Trivia Question: What is a dwarf planet?

Answer: A celestial body resembling a small planet but lacking certain technical criteria that are required for it to be classed as a regular planet.

Trivia Question: What is the number of stars in the milky way galaxy?

Answer: 100 thousand million.

Trivia Question: How fast is light?

Answer: 186,000 miles per second.

Trivia Question: What is the largest star in our galaxy?

Answer: UY Scuti.

Trivia Question: How many galaxies are there?

Answer: 200 billion to two trillion galaxies.

Trivia Question: What number planet is Pluto?

Answer: Pluto was originally considered the ninth planet from the sun (trick question!).

Trivia Question: How many planets are there in the milky way galaxy?

Answer: 100 billion planets.

Trivia Question: Why did NASA spend millions developing a pen that would work in space?

Answer: Pens could not function in zero gravity.

Trivia Question: How many stars are there in the Andromeda Galaxy?

Answer: One trillion stars.

Trivia Question: What is an emission nebula?

Answer: Emission nebulae are clouds of ionized gas that, as the name suggests, emit their own light at optical wavelengths.

Trivia Question: Approximately how many comets are there in our galaxy?

Answer: One trillion comets.

Trivia Question: Where is the largest telescope located?

Answer: Gran Telescopio Canarias in La Palma, Canary Islands.

Trivia Question: Approximately how many miles around is the Earth?

Answer: 24,901 miles.

Trivia Question: What is antimatter?

Answer: Molecules formed by atoms consisting of antiprotons, antineutrons, and positrons.

Trivia Question: Approximately how many miles apart are Mercury and Venus?

Answer: 31.1 million miles.

Trivia Question: How long does it take for the Earth to complete one single orbit?

Answer: 365 days.

Trivia Question: How many moons exist in the Milky Way Galaxy?

Answer: 53 confirmed moons.

Trivia Question: Which planet is farthest from the sun?

Answer: Pluto.

Trivia Question: How much mass do planets make up in our solar system?

Answer: 0.135% of the mass of the solar system.

Trivia Question: When will Halley's Comet be visible next?

Answer: It will return in 2061 on its regular 76-year journey around the Sun.

Trivia Question: Which planet has the most moons?

Answer: Saturn has the most moons.

Trivia Question: What is the sun mostly made of?

Answer: Hydrogen and helium.

Trivia Question: What is the "Large Magellanic Cloud" as scientists call it? Hint: It is an object!

Answer: It is a satellite.

Trivia Question: What is Jupiter's largest moon called?

Answer: Ganymede.

Trivia Question: What is the approximation of Earth's age?

Answer: 4.54 billion years old.

Trivia Question: What is the smallest planet in our solar system?

Answer: Mercury.

Trivia Question: What type of star is "Betelgeuse?"

Answer: M2lab.

Trivia Question: What is the surface of the moon like?

Answer: Dead volcanoes, impact craters, and lava flows.

Trivia Question: Who discovered "Pandora Charon Nereid Phobos?"

Answer:

Trivia Question: What was the last Apollo mission?

Answer: Triton, Nereid & Proteus.

Trivia Question: Which mission was Buzz Aldren part of?

Answer: Apollo 11.

Trivia Question: What year did the United States land on the moon?

Answer: 1969.

Space Trivia for Kids

Trivia Question: Who was the first astronaut?

Answer: Yuri Gagarin.

Trivia Question: When was NASA founded?

Answer: July 29th, 1958.

Trivia Question: What was the first NASA mission called?

Answer: Apollo 1.

Trivia Question: What is the closest planet to the sun?

Answer: Mercury!

Trivia Question: How many giant planets are there?

Answer: Four.

Trivia Question: What is the practice of astronomy?

Answer: Astronomy is the study of objects and phenomena beyond Earth.

Trivia Question: What number planet is Uranus?

Answer: The 7th planet from the sun.

Trivia Question: What is our moon called?

Answer: Earth's moon is called "Luna."

Trivia Question: What is the furthest planet from the sun?

Answer: Neptune.

Trivia Question: Who discovered the laws of planetary motion?

Answer: Johannes Kepler.