

Astronomical Objects Quiz: Trivia Questions and Answers

1. A meteor is a ...

- a phenomenon occurring when fragments of comets, asteroids, etc. burn up in the Earth's atmosphere
- an astronomical object that has reached the Earth's surface
- a celestial body moving in space, much smaller than an asteroid

2. Ice giants are huge planets that are mostly composed of elements heavier than hydrogen and helium. How many are there in the solar system?

- Four
- Three
- Two

3. What are the planets that are outside the solar system called?

- FU Orionis stars
- Exoplanets
- Planetesimals

4. Galilean moons are called the four largest satellites of ...

- Mars
- Uranus
- Jupiter
- Saturn

5. How long ago do scientists think the Sun formed?

- About 4.5 billion years ago
- About 2.5 billion years ago
- A little over a billion years ago

6. They were first detected at Jupiter, as of 2023 there are 9 at Mars, 28 at Neptune, one at Uranus, and two at Earth. These are ...

- satellites

- Trojan asteroids
- twin planets

7. How many satellites does Pluto have?

- Two
- Three
- Five
- Pluto has no satellites

8. What is the name of a star at the initial stage of its evolution and at the final stage of its formation before fusion occurs?

- Protostar
- Subdwarf
- Chemically peculiar star

9. What is the ancient Greek word from which the name "comet" is derived?

- "swift"
- "dangerous," "evil"
- "hairy," "shaggy"

10. In the spring of 1967, the Icarus Project was launched at the Massachusetts Institute of Technology. What was its mission?

- Develop a plan to destroy one of the asteroids if it is likely to collide with Earth.
- Develop a plan to transport the Earth to another star in the event of the Sun's death.
- Development of a solar energy management system.

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Right answers

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