

# Foundations of Space Exploration

Space Exploration · Answer Key · 12 Questions

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**1. What was the first artificial satellite launched into Earth's orbit?**

- A) Explorer 1
- B) Vanguard 1
- C) Sputnik 1**
- D) Telstar 1

**2. Which planet in our solar system is known for its prominent rings?**

- A) Jupiter
- B) Mars
- C) Saturn**
- D) Neptune

**3. Who was the first human to walk on the Moon?**

- A) Buzz Aldrin
- B) Yuri Gagarin
- C) Michael Collins
- D) Neil Armstrong**

**4. What is the name of the space agency of the United States?**

- A) ESA
- B) Roscosmos
- C) NASA**
- D) JAXA

**5. What celestial body do we call Earth's natural satellite?**

- A) The Sun
- B) Mars
- C) The Moon**
- D) Venus

**6. Which of these is the largest planet in our solar system?**

- A) Earth
- B) Saturn
- C) Uranus
- D) Jupiter**

**7. The International Space Station (ISS) orbits around which planet?**

- A) Mars
- B) Earth**
- C) The Moon
- D) Jupiter

**8. What is the name of the force that keeps planets in orbit around the Sun?**

- A) Electromagnetism
- B) Nuclear Force
- C) Gravity**
- D) Friction

**9. Which is the closest planet to the Sun?**

- A) Venus
- B) Earth
- C) Mercury**
- D) Mars

**10. What was the name of the first spacecraft to successfully land on Mars?**

- A) Viking 1**
- B) Pathfinder
- C) Curiosity
- D) Spirit

**11. Which type of telescope uses mirrors to collect and focus light?**

- A) Refracting telescope
- B) Radio telescope
- C) Reflecting telescope**
- D) Infrared telescope

**12. What phenomenon causes the different phases of the Moon?**

- A) The Earth's shadow
- B) The Moon's rotation
- C) The Sun's reflection on the Moon
- D) The Moon's orbit around Earth and its position relative to the Sun**