

Space Exploration Fundamentals

Space Exploration · Answer Key · 8 Questions

1. Which mission was the first to successfully land humans on the Moon?

A) Apollo 11

B) Apollo 13

C) Apollo 8

D) Gemini 4

2. What is the name of the first artificial satellite launched into Earth's orbit by the Soviet Union in 1957?

A) Explorer 1

B) Vostok 1

C) Sputnik 1

D) Cosmos 1

3. Which planet has been the primary destination for the Curiosity and Perseverance rovers?

A) Venus

B) Mars

C) Jupiter

D) Saturn

4. What is the main function of the International Space Station (ISS)?

A) Mining asteroid minerals

B) Testing long-term human survival in microgravity

C) Building weapons for defense

D) Refueling commercial airlines

5. Who was the first woman to travel into space?

A) Sally Ride

B) Peggy Whitson

C) Valentina Tereshkova

D) Kalpana Chawla

6. Which space telescope, launched in 1990, has provided iconic images of distant galaxies and nebulae?

A) Kepler Space Telescope

B) James Webb Space Telescope

C) Hubble Space Telescope

D) Chandra X-ray Observatory

7. What type of engine is commonly used to launch rockets into space by burning fuel and an oxidizer?

A) Chemical rocket engine

B) Solar sail

C) Ion thruster

D) Nuclear pulse propulsion

8. Which agency is responsible for the space exploration programs of the United States?

A) ESA

B) NASA

C) JAXA

D) Roscosmos