

Astrophysics Pioneers and Discoveries

Astrophysics · Answer Key · 8 Questions

1. Who was the first person to use a telescope to systematically observe the night sky?

- A) Galileo Galilei**
- B) Isaac Newton
- C) Edwin Hubble
- D) Carl Sagan

2. Which famous space telescope was launched into orbit in 1990 to provide clear views of deep space?

- A) Kepler
- B) Hubble**
- C) James Webb
- D) Spitzer

3. What did Edwin Hubble discover about the universe in the 1920s?

- A) That gravity is a force
- B) That the universe is expanding**
- C) That planets orbit in circles
- D) That stars are made of ice

4. What is the name of the first artificial satellite launched into Earth's orbit in 1957?

- A) Explorer 1
- B) Vostok 1
- C) Sputnik 1**
- D) Voyager 1

5. Which scientist is credited with formulating the laws of universal gravitation?

- A) Albert Einstein
- B) Johannes Kepler
- C) Stephen Hawking
- D) Isaac Newton**

6. What device is primarily used to analyze the chemical composition of stars by splitting light into a spectrum?

- A) Spectroscope**
- B) Thermometer
- C) Barometer
- D) Geiger counter

7. Which planet was the first to be discovered using mathematical predictions rather than direct observation?

A) Mars

B) Neptune

C) Saturn

D) Venus

8. What was the first human-made object to leave the solar system?

A) Voyager 1

B) Curiosity Rover

C) Apollo 11

D) Pioneer 10