Solar System Milestones

Astronomy · Answer Key · 15 Questions

1. Who was the first person to use a telescope to systematically observe the heavens, leading to the discovery of Jupiter's four largest moons?

A) Galileo Galilei
B) Johannes Kepler
C) Tycho Brahe
D) Nicolaus Copernicus

2. Which space mission achieved the first soft landing on another planet, Venus, in 1970?

A) Venera 7
B) Mariner 5
C) Vega 1
D) Pioneer Venus

3. In 1610, which astronomer published 'Sidereus Nuncius', detailing the phases of Venus?

A) Galileo Galilei
B) Isaac Newton
C) Christiaan Huygens
D) Giovanni Cassini

4. Which was the first man-made object to leave the solar system, officially entering interstellar space in 2012?

A) Voyager 1
B) Pioneer 10
C) New Horizons
D) Voyager 2

5. What is the name of the first asteroid ever discovered, identified by Giuseppe Piazzi in 1801?

A) Ceres
B) Pallas
C) Vesta
D) Juno

Quixly | This material was auto-generated. Quixly is not liable for errors or omissions. Visit quixlylearn.com to report corrections.

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

A) Neptune
B) Uranus
C) Pluto
D) Mars

7. In 1930, Clyde Tombaugh discovered which celestial body, which was later reclassified as a dwarf planet?

A) Pluto
B) Eris
C) Makemake
D) Haumea

8. Which mission was the first to successfully complete a flyby of Pluto in 2015?

A) New Horizons
B) Voyager 1
C) Cassini-Huygens
D) Galileo

9. Who was the first astronomer to identify that planets orbit the Sun in elliptical paths rather than perfect circles?

A) Johannes Kepler
B) Isaac Newton
C) Edwin Hubble
D) Claudius Ptolemy

10. Which planet's moons were the first objects discovered orbiting a body other than the Earth or the Sun?

A) Jupiter
B) Saturn
C) Mars
D) Venus

11. What instrument, first launched into orbit in 1990, revolutionized our understanding of the solar system by providing clear images from above the atmosphere?

A) Hubble Space Telescope
B) James Webb Space Telescope
C) Spitzer Space Telescope
D) Kepler Space Telescope

Quixly | This material was auto-generated. Quixly is not liable for errors or omissions. Visit quixlylearn.com to report corrections.

12. The first close-up images of Mercury were sent back in 1974 by which NASA spacecraft?

A) Mariner 10
B) Messenger
C) BepiColombo
D) Pioneer 11

13. Which spacecraft was the first to enter orbit around Saturn, providing detailed data about its rings and moons?

A) Cassini
B) Voyager 2
C) Galileo
D) Pioneer 10

14. Who was the first to propose the heliocentric model of the solar system in the 16th century, sparking a scientific revolution?

A) Nicolaus Copernicus
B) Aristarchus of Samos
C) Tycho Brahe
D) Immanuel Kant

15. Which moon of Saturn was the first to be discovered, identified by Christiaan Huygens in 1655?

A) Titan
B) Rhea
C) Dione
D) Tethys

Quixly | This material was auto-generated. Quixly is not liable for errors or omissions. Visit quixlylearn.com to report corrections.