



A LOOK AT ...

Space Exploration

Space Exploration tours the history of human space exploration, from the earliest imaginings of space travel to recent missions that may reach beyond the solar system.

What did you learn?

QUESTIONS

1. Which author published the book, *From the Earth to the Moon*?
 - a. Isaac Asimov
 - b. Arthur C. Clarke
 - c. Jules Verne
 - d. Ray Bradbury
2. *Sputnik I* was launched by ...
 - a. the U.S.S.R
 - b. the United States of America
 - c. the United Kingdom
 - d. China
3. The United States first sent astronauts to the moon in ...
 - a. 1968
 - b. 1969
 - c. 1970
 - d. 1971
4. Astronauts have to exercise in space because ...
 - a. They want to prevent the serious harm to their muscles and bones caused by the lack of gravity
 - b. They enjoy it
 - c. They have little else to do
 - d. They want to lose weight
5. What was the name of the first successful Mars probe?
6. Who was the Hubble Space Telescope named after?

TRUE OR FALSE?

- | | |
|---|--|
| _____ 1. People have been sending satellites into space since the 1920s. | _____ 4. NASA stands for the National Aeronautics and Space Association. |
| _____ 2. Galileo was the first scientist to use a telescope to study the heavens. | _____ 5. The Soviet Union put a space station into space before the United States. |
| _____ 3. The space age started with the U.S. astronauts landing on the moon. | _____ 6. Earth's atmosphere contains oxygen, nitrogen, and a mixture of other gases as well. |

ANSWERS

- 1. c. Jules Verne.** According to section "Dreams of Space Travel" on page 6, we know that "Jules Verne was a French writer of the 1800's. In 1865, Verne published a book called *From the Earth to the Moon*." So, the correct answer is C.
- 2. a. the U.S.S.R.** According to section "The Beginning of the Space Age" on page 10, we know that "The Space Age began in October 1957 with the launch of the artificial satellite *Sputnik 1* by the Soviet Union." So, the correct answer is A.
- 3. b. 1969.** According to section "First People on the Moon" on page 22, we know that "In July 1969, the United States successfully landed the first astronauts on the moon." So, the correct answer is B.
- 4. a. They want to prevent the serious harm to their muscles and bones caused by the lack of gravity.** According to section "Space Medicine" on page 34, we know that "To prevent serious harm to muscles and bones, astronauts exercise for several hours each day." So, the correct answer is A.
- 5.** According to page 62, Mariner 4 was the first successful Mars probe.
- 6.** According to page 62, the Hubble Space Telescope was named after astronomer Edwin Hubble.

TRUE OR FALSE? ANSWERS

- 1. False.** According to section "Introducing Space Exploration" on page 4, we know that "Since the mid-1950's, people have sent satellites and spacecraft into space." So, the correct answer is False.
- 2. True.** According to section "Dreams of Space Travel" on page 7, we know that "The first scientist to study the heavens with a telescope was an Italian named Galileo." So, the correct answer is True.
- 3. False.** According to section "The Beginning of the Space Age" on page 10, we know that "The Space Age began in October 1957 with the launch of the artificial satellite *Sputnik 1* by the Soviet Union." So, the correct answer is False.
- 4. False.** According to section "The Beginning of the Space Age" on page 11, we know that "Also in 1958, an act by the U.S. Congress created a new federal agency — the National Aeronautics and Space Administration." So, the correct answer is False.
- 5. False.** According to section "More Space Stations" on page 28, we know that "NASA put the first U.S. space station, Skylab, into orbit in 1973. The Soviet space station Mir was launched in 1986." So, the correct answer is False.
- 6. True.** According to section "Living and Working in Space" on page 32, we know that "Earth's atmosphere consists of oxygen and nitrogen, with some other gases mixed in." So, the correct answer is True.