

Nuts and Bolts

SPACE
HISTORY
CHALLENGE™

- Which astronaut took the famed "Earthrise" photo on *Apollo 8*?
 - Frank Borman
 - William "Bill" Anders
 - Jim Lovell
- Neil Armstrong's parents appeared on what game show to announce his selection as an astronaut?
 - Let's Make a Deal*
 - Jeopardy*
 - To Tell the Truth*
- Which astronaut flew during the Mercury program and on the Space Shuttle?
 - John Glenn Jr.
 - Scott Carpenter
 - Deke Slayton
- How many vehicles launched between 1976 and 1995 landed on Mars?
 - None
 - 4
 - 10
- In 1994, the Shoemaker-Levy 9 comet crashed into this planet?
 - Neptune
 - Saturn
 - Jupiter
- This science fiction author is credited with the concept of using satellites in geostationary orbit for communications?
 - Arthur C. Clarke
 - Ray Bradbury
 - Isaac Asimov
- How long did it take the *Voyager 2* spacecraft to reach Neptune after launch?
 - 6 months
 - 2 years
 - 12 years
- What was the "unclassified" name—as told to the public—for the Corona spy satellite imagery program?
 - Navstar
 - Discoverer biosatellite
 - Transit
- Three astronauts made two trips to the Moon during the Apollo program. Jim Lovell, John Young, and whom?
 - Fred Haise
 - Eugene Cernan
 - Frank Borman

Answers:

- (B) In *Life's 100 Photographs that Changed the World*, it was described as "the most influential environmental photograph ever taken" and many consider it to have jump-started the environmental movement. In Anders' own words, "We set out to explore the Moon and instead discovered the Earth."
- (C)
- (A)
- (A) The *Viking 2* lander launched on 9 September 1975 and the *Mars Pathfinder* rover on 4 December 1996—a two decade gap
- (C)
- (A)
- (C)
- (B) The Corona satellites were used to surveil the Soviet Union, China, and other areas from 1959 to 1972. The photographs were declassified in 1995.
- (B)

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