

Rocket Men

Follow along with the video to answer the following questions. If you miss one, move on to the next one and try to keep up.

- Who was America's first astronaut?
a. Alan Shepard **b. Ham the chimpanzee** c. John Glenn
- Who was the first American man in Space?
a. Alan Shepard b. Gus Grissom c. John Glenn
- Who was the first astronaut to circle the planet in a spacecraft?
a. Alan Shepard b. Gus Grissom **c. John Glenn**
- How many orbits did he make?
a. 5 b. 6 **c. 7**
- How fast was he traveling?
a. 17000 miles/hour b. 90 minutes c. 10000 miles/hour
- How long did he orbit?
a. 60 minutes **b. 90 minutes** c. 120 minutes
- New rockets are a problem. How many rockets failed?
a. 1 in 5 b. 2 in 5 c. 3 in 5
- Who was the first team to fly in the Gemini missions?
a. Young/Grissom b. Grissom/Glen c. Shepherd/Grissom
- Who was the first man to walk in space, ("a bold step, closer to man's dream of the moon")?
a. Jim McDivitt **b. Ed White** c. Alan Shepherd
- The Gemini 6 and 7 missions tested to see if ___ ships could meet in space to re-connect.
a. four b. three **c. two**
- When coming back to Earth, re-entry is ___ as hot as the surface of the sun.
a. twice b. three times c. four times
- Frank Borman and Jim Lovell are the ___ humans in history, more than 6 million miles.
a. most heroic b. oldest **c. most traveled**



13. The final part of the dream of going to the moon were the missions called ____.

a. Apollo

b. Gemini

c. Mercury

14. The fuel for the Apollo missions was carried on a rocket the size of a 35 story building called the ____ rocket.

a. Jupiter

b. Saturn

c. Mercury

15. Apollo 1's team, Grissom, White, and Chaffe, died on the launchpad in 1967 due to a ____ in the sealed capsule.

a. fire

b. gas leak

c. water leak



(~30 minutes into movie at this point)

After this tragedy, changes in design of the capsule took place and tests were conducted to ensure space flight was still possible, until the next major Apollo mission. Notice the launch and separation of rockets.

16. In 1968, Apollo ____ carrying Borman, Lovell, and Anders successfully orbited the moon and returned safely to Earth. (This mission took a famous photo from the other side of the moon titled "Earth Rising.")

a. 6

b. 7

c. 8



17. NASA thought the chances of Apollo 8 being successful were:

a. 30/70

b. 50/50

c. 40/60

18. Now that the moon was in reach, we needed a lunar ____

a. lander

b. orbiter

c. mission

19. In the spring of 1969, Apollo 9 astronauts tested the LEM, the lunar module, to fly for the first time. It is so fragile that it would break up in ____ atmosphere.

a. the moon's

b. the sun's

c. Earth's

20. Apollo 10 was the "final dress rehearsal." They did everything but the ____.

a. reconnect the LEM (lunar module)

b. moon landing

c. re-entry

21. Apollo 11 was the mission to land on the moon. Were there malfunctions during this mission that needed to be overcome before landing on the moon?

a. yes

b. no

The phrase "The Eagle has landed" was the phrase that Neil used to report that the LEM (lunar module), "The Eagle" had safely landed on the moon. This is a phrase we use today to say that something significant has happened.

22. Apollo 11 landed on the moon on: (may not be on the video, so skip for now)
- a. June 28, 1969
 - b. August 21, 1969
 - c. July 20, 1969
23. The first man to step foot on the moon was:
- a. Lance Armstrong
 - b. Neil Armstrong
 - c. Buzz Aldrin
24. How did he describe the soil on the moon?
- a. powder
 - b. like gravel
 - c. large rocks

Buzz Aldrin was the second man on the moon. Michael Collins was the third astronaut on the team and was the pilot of the command module that would meet up with the lunar module once Buzz and Neil left the moon. While Buzz and Neil were on the moon, Michael was orbiting the moon 60 miles away and did not have TV coverage of the landing.

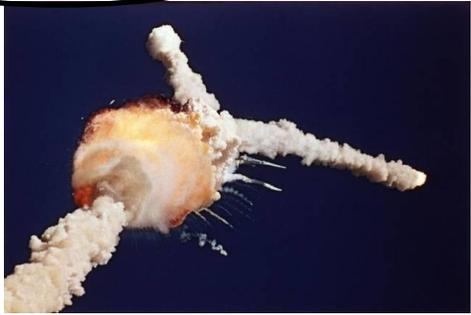
25. Less than ___ years later, we send the last of the Apollo missions to the moon.
- a. 3
 - b. 4
 - c. 5
- (~1hour into the movie at this point)

26. While we journey, our eyes turn always to our ___.
- a. moon
 - b. Mars
 - c. home

27. The ___ returns from space riding on the winds of the world (and lands like an airplane.)
- a. space shuttle
 - b. Apollo missions
 - c. Saturn rocket

28. The space shuttle, ___, was the first of its kind to be launched and come back to Earth to be re-used. (This was April 1981.) Notice, the rockets still fall back to Earth after the launch as they did for Apollo.
- a. Challenger
 - b. Discovery
 - c. Columbia

29. Writers, poets, teachers began to train to travel in space. On January 28, 1986, the space shuttle, ___, exploded upon liftoff killing all members of the crew, (including the first teacher to fly, Christa McAuliffe.)



- a. Challenger
- b. Discovery
- c. Columbia

30. A few years later, we returned to flight, and the Space Shuttle Discovery launched the ___.
- a. Orion telescope
 - b. Hubble telescope
 - c. Chandra x-ray telescope

31. The Space Shuttle Columbia had some insulation come dislodged and struck the wing. Later, Columbia burned up in Earth's atmosphere over the great state of:
- a. Texas
 - b. Florida
 - c. California

Place in correct order the programs talked about in this film. Use 1, 2, 3, 4

3 Apollo 2 Gemini 1 Mercury 4 Space Shuttles

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