



Moon Landings

1 How many moons orbit planets in our solar system?

Common Core State Standards (Reading: Informational text): RI.3.1

2 In what order did these first go into space: Bumper 8, German V-2 rocket, fruit flies?

Common Core State Standards (Reading: Informational text): RI.3.8

3 Who was the first person to go into space?

Common Core State Standards (Reading: Informational text): RI.3.1

4 How does the layout on pages 14 and 15 show which people have the same nationality?

Common Core State Standards (Reading: Informational text): RI.4.7

5 Look at pages 22 and 23. How do you think it would feel to do a spacewalk?

Common Core State Standards (Reading: Informational text): RI.3.6

6 “Finally, they found a safe landing spot and touched down in a huge crater, called the Sea of Tranquility—with just 45 seconds of landing fuel left!” (page 36) What details in this sentence show the author’s opinion of the event?

Common Core State Standards (Reading: Informational text): RI.3.6

7 What did Neil Armstrong say as he stepped onto the Moon?

Common Core State Standards (Reading: Informational text): RI.5.1

8 Look at pages 46 and 47. What caused the Apollo 13 crew to use star maps to navigate back to Earth?

Common Core State Standards (Reading: Informational text): RI.4.3

9 Why are Orion Crew Survival Systems spacesuits orange?

Common Core State Standards (Reading: Informational text): RI.4.2

10 Look at pages 58 and 59. Which is the lightest lunar rover?

Common Core State Standards (Reading: Informational text): RI.3.8

Answers

- 1** more than 200
- 2** German V-2 rocket (1944); fruit flies (1947); Bumper 8 (1950)
- 3** Yuri Gagarin
- 4** The nationality is displayed close to the top of each card, and the cards are also color-coded orange for Russians, blue for Americans, and yellow for Germans.
- 5** Answers will vary.
- 6** The words “Finally” and “just” and the exclamation point show that the author thinks it was a very risky and shocking situation.
- 7** “That’s one small step for man, one giant leap for mankind.”
- 8** They couldn’t use the usual electronic navigation systems because they had stopped working after an explosion.
- 9** The bright color makes them easy to spot if an astronaut needs to be found and rescued.
- 10** Yutu 2 (140 kg)