

Australia's Leap into Space: Lunar Missions, Rocket Launches, and Indigenous Knowledge

Space Exploration · Answer Key · 8 Questions

1. Which Australian company successfully launched the Eris Test Flight 1 into orbit from Australian soil in July 2025?

- A) Fleet Space Technologies
- B) Gilmour Space Technologies**
- C) Southern Launch
- D) Equatorial Launch Australia

2. As part of NASA's Artemis program, Australia is contributing to future lunar missions. What is the name of the Australian-designed lunar rover scheduled to land on the Moon in 2030?

- A) Roo-ver**
- B) Astro-Bot
- C) Moon Crawler
- D) Lunar Explorer

3. Australia's legacy in supporting space missions dates back to the Apollo era. Which CSIRO-managed facility played a crucial role in tracking NASA's Artemis II mission?

- A) The Parkes Observatory
- B) The Tidbinbilla Deep Space Network**
- C) The Sydney Observatory
- D) The Woomera Tracking Station

4. In September 2025, Australia's Fleet Space Technologies launched its new global headquarters and SpaceTech Hyperfactory in which South Australian city?

- A) Adelaide**
- B) Gawler
- C) Port Augusta
- D) Whyalla

5. Beyond technological advancements, Australia is increasingly incorporating Indigenous knowledge into its space narrative. What is the name of the radio series launched by the Australian Space Agency in partnership with TEABBA to connect Indigenous communities with the space sector?

- A) Star Stories of the Outback
- B) The Dreaming Sky
- C) Culture and Science Exchange**
- D) First Nations in Space

6. Which Australian university partnered with NASA and CSIRO to demonstrate advanced laser (optical) communications during the Artemis II mission using its Quantum Optical Ground Station?

- A) University of Melbourne
- B) University of New South Wales
- C) The Australian National University**
- D) Curtin University

7. In January 2026, Gilmour Space Technologies announced significant investment to support Australia's domestic space capability. How much investment did the company secure?

- A) USD 45 million
- B) USD 95 million
- C) USD 145 million**
- D) USD 245 million

8. The Australian Space Agency has a Moon to Mars initiative. Which of these is NOT a stated goal or component of this initiative based on recent news?

- A) Designing and developing an Australian-made rover for the Moon
- B) Testing how plants can survive on the lunar surface
- C) Establishing a permanent Australian base on Mars**
- D) Supporting future habitation on the Moon