

Space Facts vs. Myths

Astronomy And Space Science · Practice Test · 12 Questions

1. Which of the following best describes the shape of the Earth?

- A) A perfect sphere
- B) An oblate spheroid
- C) A flat disc
- D) A hollow cylinder

2. How many times have humans successfully landed on the Moon as part of the Apollo program?

- A) Once
- B) Three times
- C) Six times
- D) Never

3. What is the primary reason the stars appear to twinkle when viewed from Earth's surface?

- A) The stars are pulsating
- B) Earth's atmosphere
- C) The stars are moving
- D) Intergalactic dust

4. Which planet is the largest in our solar system?

- A) Saturn
- B) Earth
- C) Mars
- D) Jupiter

5. What is the source of the Sun's energy?

- A) Burning coal
- B) Nuclear fusion
- C) Electrical discharge
- D) Chemical reactions

6. Which spacecraft took the first close-up images of Pluto in 2015?

- A) New Horizons
- B) Voyager 1
- C) Hubble
- D) Curiosity

7. What is the main chemical component of the Sun?

- A) Oxygen
- B) Carbon
- C) Hydrogen
- D) Iron

8. Approximately how long does it take for light from the Sun to reach Earth?

- A) 8 minutes
- B) 8 seconds
- C) 1 hour
- D) 24 hours

9. Which galaxy is the closest large spiral galaxy to our own Milky Way?

- A) Andromeda
- B) Sombrero
- C) Whirlpool
- D) Triangulum

10. What is the name of the rover that landed on Mars in 2021 to search for signs of ancient life?

- A) Sojourner
- B) Opportunity
- C) Curiosity
- D) Perseverance

11. What force keeps the planets in orbit around the Sun?

- A) Magnetism
- B) Gravity
- C) Static electricity
- D) Solar wind

12. Which of these is considered a 'dwarf planet' in our solar system?

- A) Venus
- B) Neptune
- C) Pluto
- D) Mercury