

# Space Facts vs. Myths

Astronomy And Space Science · Answer Key · 12 Questions

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**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