

Cosmic Facts: An Easy Quiz

Astronomy Basics · Answer Key · 18 Questions

1. What is the largest planet in our solar system?

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

2. Which planet is known as the 'Red Planet'?

- A) Venus
- B) Mars**
- C) Mercury
- D) Uranus

3. What is the name of the star at the center of our solar system?

- A) Sirius
- B) Alpha Centauri
- C) The Sun**
- D) Polaris

4. Which planet is famous for its prominent rings?

- A) Jupiter
- B) Uranus
- C) Neptune
- D) Saturn**

5. What celestial bodies orbit planets?

- A) Asteroids
- B) Comets
- C) Moons**
- D) Stars

6. Which is the closest planet to the Sun?

- A) Venus
- B) Earth
- C) Mercury**
- D) Mars

7. What is the name of our galaxy?

- A) Andromeda
- B) The Milky Way**
- C) Triangulum
- D) Whirlpool

8. What causes day and night on Earth?

- A) The Moon's orbit
- B) The Earth's rotation**
- C) The Sun's orbit
- D) Earth's tilt

9. Which planet is often called Earth's 'twin' due to its size and mass?

- A) Mercury
- B) Mars
- C) Venus**
- D) Jupiter

10. What is the name of the force that keeps planets in orbit around the Sun?

- A) Magnetism
- B) Electricity
- C) Friction
- D) Gravity**

11. Which planet is known for having the most extreme temperatures, both hot and cold?

- A) Earth
- B) Mercury**
- C) Venus
- D) Mars

12. What are large, rocky objects that orbit the Sun, mostly found between Mars and Jupiter?

- A) Comets
- B) Meteoroids
- C) Asteroids**
- D) Dwarf planets

13. Which planet spins on its side?

- A) Saturn
- B) Jupiter
- C) Neptune
- D) Uranus**

14. What is the name given to a region of space where gravity is so strong that nothing, not even light, can escape?

- A) Nebula
- B) Quasar
- C) Black hole**
- D) Supernova

15. What is the brightest object in our night sky after the Moon?

- A) Venus**
- B) Mars
- C) Jupiter
- D) Sirius

16. Which planet has the most prominent and visible polar ice caps?

- A) Earth
- B) Mars**
- C) Venus
- D) Jupiter

17. What is a collection of billions of stars, gas, and dust held together by gravity?

- A) Planet
- B) Nebula
- C) Galaxy**
- D) Constellation

18. What is the name of the only planet in our solar system known to support life?

- A) Mars
- B) Venus
- C) Earth**
- D) Europa