

Solar System Essentials

Astronomy · Answer Key · 15 Questions

1. Which planet is known as the 'Red Planet' due to the iron oxide on its surface?

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

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

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

3. Which planet is famous for its prominent and extensive ring system?

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

4. What celestial body is at the center of our solar system?

- A) The Moon
- B) The North Star
- C) The Sun**
- D) Jupiter

5. Which planet is closest to the Sun?

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

6. Which planet is often called Earth's 'sister planet' due to its similar size and density?

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

7. How many moons does the planet Mercury have?

A) Zero

B) One

C) Two

D) Four

8. Which gas makes up the majority of the Sun's composition?

A) Oxygen

B) Hydrogen

C) Carbon Dioxide

D) Nitrogen

9. Which planet rotates on its side, with its axis tilted nearly 98 degrees?

A) Uranus

B) Neptune

C) Saturn

D) Jupiter

10. What is the coldest planet in our solar system?

A) Neptune

B) Uranus

C) Saturn

D) Mars

11. Which planet has the longest 'year' (time to orbit the Sun)?

A) Jupiter

B) Saturn

C) Uranus

D) Neptune

12. Between which two planets is the main Asteroid Belt located?

A) Earth and Mars

B) Mars and Jupiter

C) Jupiter and Saturn

D) Venus and Earth

13. Which planet is known for having a 'Great Red Spot,' which is a giant storm?

A) Saturn

B) Neptune

C) Jupiter

D) Uranus

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

A) 8 seconds

B) 8 minutes

C) 8 hours

D) 8 days

15. Which planet is officially classified as a 'gas giant'?

A) Mars

B) Venus

C) Saturn

D) Mercury