

Solar System Essentials

Astronomy · Practice Test · 20 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 extensive and bright ring system?

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

4. What is the hottest planet in our solar system, despite not being closest to the Sun?

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

5. Which celestial body was reclassified as a 'dwarf planet' in 2006?

- A) Ceres
- B) Eris
- C) Pluto
- D) Makemake

6. What is the primary gas that makes up the Sun?

- A) Oxygen
- B) Nitrogen
- C) Helium
- D) Hydrogen

7. Which planet orbits the Sun on its side, with an axial tilt of about 98 degrees?

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

8. What is the name of the region located between the orbits of Mars and Jupiter that contains many rocky bodies?

- A) Kuiper Belt
- B) Asteroid Belt
- C) Oort Cloud
- D) Ring System

9. Which planet is the smallest in our solar system?

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

10. How many moons does the planet Earth have?

- A) Zero
- B) One
- C) Two
- D) Three

11. Which planet is known as the 'Windy Planet' and is the furthest from the Sun?

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

12. What is the name of the galaxy that contains our Solar System?

- A) Andromeda
- B) Milky Way
- C) Sombrero
- D) Triangulum

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

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

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 has a massive storm known as the 'Great Red Spot'?

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

16. What are the 'inner' planets of the solar system primarily made of?

- A) Gas
- B) Ice
- C) Rock
- D) Liquid

17. Which planet rotates in the opposite direction to most other planets in the solar system?

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

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

- A) Proxima Centauri
- B) Sirius
- C) Betelgeuse
- D) The Sun

19. Which planet is often called Earth's 'sister planet' because of its similar size and density?

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

20. What lies beyond the orbit of Neptune and contains many icy objects?

- A) Asteroid Belt
- B) Kuiper Belt
- C) The Great Rift
- D) Galactic Center