

Exploring Our Solar System and Beyond

Physical Science · Answer Key · 20 Questions

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

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

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

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

3. Which is the closest star to Earth?

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

4. What celestial body orbits the Earth?

- A) The Sun
- B) Mars
- C) The Moon**
- D) Venus

5. Which planet is famous for its prominent rings?

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

6. What is a collection of billions of stars, gas, and dust called?

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

7. Which planet is the hottest in our solar system?

A) Mercury

B) Venus

C) Earth

D) Mars

8. What is the force that keeps planets in orbit around the Sun?

A) Magnetism

B) Gravity

C) Friction

D) Inertia

9. Which planet spins on its side?

A) Venus

B) Mars

C) Uranus

D) Neptune

10. What is the name of our galaxy?

A) Andromeda

B) Milky Way

C) Triangulum

D) Whirlpool

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

A) Mars

B) Mercury

C) Pluto

D) Venus

12. What are the giant balls of hot gas that produce light and heat called?

A) Planets

B) Moons

C) Stars

D) Comets

13. Which planet is known for its Great Red Spot, a giant storm?

A) Saturn

B) Jupiter

C) Mars

D) Neptune

14. What is the imaginary line that a planet spins on called?

- A) Orbit
- B) Axis**
- C) Equator
- D) Meridian

15. Which planet is closest to the Sun?

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

16. What is a natural satellite that orbits a planet called?

- A) Star
- B) Moon**
- C) Comet
- D) Asteroid

17. Which planet is the only one known to have liquid water on its surface?

- A) Mars
- B) Venus
- C) Earth**
- D) Europa (moon of Jupiter)

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

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

19. Which planet is farthest from the Sun?

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

20. What do we call the path a planet takes around the Sun?

- A) Rotation
- B) Revolution
- C) Axis
- D) Orbit**