

Fundamental Astronomy Facts

Astronomy · Answer Key · 18 Questions

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

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

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

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

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

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

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

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

5. How many planets are in our solar system?

- A) 7
- B) 8**
- C) 9
- D) 10

6. Which planet is closest to the Sun?

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

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

A) Magnetism

B) Gravity

C) Friction

D) Inertia

8. Which planet is famous for its prominent ring system?

A) Uranus

B) Saturn

C) Jupiter

D) Neptune

9. What is the Earth's only natural satellite?

A) Phobos

B) Titan

C) The Moon

D) Europa

10. Which planet is known for its extreme greenhouse effect and high temperatures?

A) Venus

B) Mars

C) Mercury

D) Neptune

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

A) Oxygen

B) Nitrogen

C) Hydrogen

D) Carbon Dioxide

12. Which of these is considered a 'dwarf planet'?

A) Saturn

B) Pluto

C) Venus

D) Neptune

13. Which planet takes the longest time to orbit the Sun?

A) Jupiter

B) Saturn

C) Uranus

D) Neptune

14. What is the name of the belt located between Mars and Jupiter?

- A) Kuiper Belt
- B) Asteroid Belt**
- C) Oort Cloud
- D) Van Allen Belt

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

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

16. What phenomenon occurs when the Moon passes between the Sun and the Earth?

- A) Lunar eclipse
- B) Solar eclipse**
- C) Meteor shower
- D) Supernova

17. Which celestial body is at the center of a heliocentric model?

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

18. How long does it take for light from the Sun to reach Earth?

- A) About 8 minutes**
- B) About 1 hour
- C) About 24 hours
- D) About 30 seconds