

Advanced Solar System Explorers

Solar System Basics · Answer Key · 12 Questions

1. Even though it is not the closest to the Sun, which planet is the hottest because of its thick clouds?

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

2. Which giant planet is so light for its size that it would float if you put it in a giant bathtub of water?

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

3. Which planet is unique because it spins on its side, looking like a rolling ball?

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

4. The 'Great Red Spot' is a giant storm that has lasted for hundreds of years. Which planet is it on?

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

5. Mars is known as the Red Planet. What material in its soil makes it look red?

- A) Red paint
- B) Iron**
- C) Volcanic ash
- D) Red clay

6. Where is the main Asteroid Belt located in our solar system?

- A) Between Earth and Mars
- B) Between Mars and Jupiter**
- C) Between Saturn and Uranus
- D) Beyond Neptune

7. Which planet has the strongest and fastest winds in the whole solar system?

- A) Earth
- B) Jupiter
- C) Mars

D) Neptune

8. How long does it take for light from the Sun to travel all the way to Earth?

- A) 1 minute
- B) 8 minutes**
- C) 1 hour
- D) 24 hours

9. What is the name of the largest volcano in the solar system, found on the planet Mars?

- A) Mount Everest
- B) Mauna Kea
- C) Olympus Mons**
- D) Mount Fuji

10. Which gas makes up most of the Sun's mass?

- A) Oxygen
- B) Nitrogen
- C) Carbon Dioxide
- D) Hydrogen**

11. Which of these is the name of the largest moon in the solar system, which orbits Jupiter?

- A) The Moon
- B) Titan
- C) Ganymede**
- D) Europa

12. What are the rings of Saturn mostly made of?

- A) Space junk
- B) Rock and ice**
- C) Gas and smoke
- D) Liquid water