

# The Sun: Our Star

Astronomy · Practice Test · 9 Questions

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## 1. What is the Sun mainly composed of?

- A) Hydrogen and Helium
- B) Iron and Nickel
- C) Oxygen and Carbon
- D) Silicon and Aluminum

## 2. Approximately how far is the Sun from Earth?

- A) 93 million miles
- B) 1 million miles
- C) 1 billion miles
- D) 1 light-year

## 3. What is the name of the Sun's outer atmosphere?

- A) Corona
- B) Photosphere
- C) Chromosphere
- D) Radiative Zone

## 4. What are solar flares?

- A) Energetic bursts of light and particles
- B) Dark spots on the Sun's surface
- C) Streams of solar wind
- D) Rings around the Sun

## 5. What is the approximate surface temperature of the Sun (photosphere)?

- A) 10,000 degrees Fahrenheit
- B) 27 million degrees Fahrenheit
- C) 3.5 million degrees Fahrenheit
- D) -460 degrees Fahrenheit

## 6. What causes auroras on Earth?

- A) Solar flares and coronal mass ejections
- B) Earth's magnetic field
- C) Volcanic eruptions
- D) Ocean currents

**7. How long does it take for the Sun to orbit the center of the Milky Way?**

- A) 230 million years
- B) 365 days
- C) 24 hours
- D) 1 million years

**8. What is the name for the study of the Sun and its influence throughout the solar system?**

- A) Heliophysics
- B) Geophysics
- C) Astrophysics
- D) Cosmology

**9. What is a coronal hole?**

- A) A region with lower density in the Sun's atmosphere
- B) A dark spot on the Sun
- C) A giant explosion on the Sun
- D) A type of solar flare