

Name \_\_\_\_\_

## The Sun's Recipe: Unraveling Its Composition

### Multiple Choice Questions

1. What are the two primary elements that make up the majority of the Sun's composition?
  - A) Oxygen and nitrogen
  - B) Hydrogen and helium
  - C) Carbon and oxygen
  - D) Nitrogen and helium
  
2. Approximately what percentage of the Sun's composition is hydrogen?
  - A) 24%
  - B) 74%
  - C) 1%
  - D) 99%
  
3. What is the nuclear fusion process responsible for within the Sun?
  - A) Creating solar winds
  - B) Generating light and heat
  - C) Forming helium atoms
  - D) Producing auroras on Earth
  
4. Which layer of the Sun is responsible for emitting the light and heat that we perceive as sunlight?
  - A) Core
  - B) Radiative zone
  - C) Convective zone
  - D) Photosphere
  
5. What is the primary factor that keeps planets like Earth in their orbits around the Sun?
  - A) The Sun's gravitational pull
  - B) The solar wind
  - C) The Earth's magnetic field
  - D) Nuclear fusion reactions

