

Name \_\_\_\_\_



## Star Characteristics Quiz

**Directions:** Read each question carefully. Circle the letter of the best answer.

1. What is the primary factor that determines a star's color?
  - A. Its distance from Earth
  - B. Its age
  - C. Its constellation
  - D. Its surface temperature
2. Which star is the brightest in the night sky?
  - A. Betelgeuse
  - B. Polaris
  - C. Sirius
  - D. Vega
3. The three stars that form a straight line in Orion are called:
  - A. Orion's Belt
  - B. Orion's Shield
  - C. The Hunter's Line
  - D. The Dog Stars
4. Which constellation is known as the "Big Bear"?
  - A. Cassiopeia
  - B. Ursa Major
  - C. Draco
  - D. Andromeda
5. Stars are primarily made of which two elements?
  - A. Carbon and Iron
  - B. Silicon and Nickel
  - C. Oxygen and Nitrogen
  - D. Hydrogen and Helium
6. What happens when a massive star reaches the end of its life cycle?
  - A. It turns into a planet
  - B. It becomes a comet
  - C. It explodes in a supernova
  - D. It disappears without a trace