



Name \_\_\_\_\_

Date \_\_\_\_\_

## The Sun Quiz

Choose the best answer for each question.

1. What is the estimated number of stars in the universe?
  - a. millions
  - b. billions
  - c. trillions
  - d. quadrillions
2. Which of the following is NOT directly produced by the Sun?
  - a. oxygen
  - b. light
  - c. heat
  - d. energy
3. What do we call the surface of the Sun?
  - a. hydrosphere
  - b. crust
  - c. photosphere
  - d. plasma
4. About how many times the size of the Earth is the Sun?
  - a. 1 million times
  - b. 93 million times
  - c. 14 million times
  - d. 98 million times
5. About how far away from the Earth is the Sun?
  - a. 1 million miles
  - b. 93 million miles
  - c. 14 million miles
  - d. 98 million miles
6. Which of the following is the BEST estimate for the temperature of the Sun's core?
  - a. 1 million degrees Celsius
  - b. 93 million degrees Celsius
  - c. 14 million degrees Celsius
  - d. seriously hot, dude
7. About how long does it take for the Sun's light to reach Earth?
  - a. 2 days
  - b. 4 years
  - c. 8 minutes
  - d. 49 seconds
8. What is the largest object in our solar system?
  - a. Sun
  - b. Jupiter
  - c. Earth
  - d. Pluto
9. About how often do sun spots come and go on the Sun?
  - a. every 11 days
  - b. every 11 minutes
  - c. every 11 months
  - d. every 11 years
10. The Sun is made mostly of which of the following?
  - a. hydrogen and helium
  - b. nitrogen and oxygen
  - c. carbon dioxide and sulfur
  - d. argon and sulfuric acid