

Name: _____ Date: _____

Multiple Choice Questions

Circle the correct answer.

1. Atomic clocks control timing for
 - a. Satellite communications
 - b. School bells
 - c. Fire sirens
 - d. Church bells

2. Atomic clocks for home and office use receive signals from
 - a. Bureau International de l'Heure
 - b. The U.S. Atomic clock
 - c. The Internet
 - d. GPS device

3. The first atomic clocks arose from research into
 - a. Clockmaking
 - b. Physics
 - c. Astronomy
 - d. Radio communications

4. The world's first atomic clock was announced in 1949 by what country?
 - a. United States
 - b. France
 - c. Canada
 - d. Great Britain

5. How accurate is the current atomic clock?
 - a. Within 1 minute per year
 - b. 1 second every 20 years
 - c. 1 second every 20 million years
 - d. 1 millionth of a second every 20 years

6. How many atomic clocks are used to standardize world time?
 - a. 20
 - b. 24
 - c. 80
 - d. 100