

Name: _____ Date: _____

Short Answer Questions

1. List 3 uses for atomic clocks.
2. Briefly trace the history of the atomic clock from 1940 until 1991.
3. What do the letters NIST in the name of the atomic clock introduced in 1991 stand for?
4. Explain what the term Coordinated Universal Time means.
5. Explain how world time is standardized.
6. Why do you think that world time is standardized in Paris, France instead of somewhere in the United States?
7. Would you like to be a scientist involved in creating better atomic clocks? Explain why or why not.