

# The Disappearing Spoon

## Chapter 17

1. What did Donald Glaser think was a better way to “see” subatomic particles and track how they behaved?
2. What did Glaser switch out in the cloud chamber so that he got a better result from his experiments? Did he get better results? Luis Alvarez perfected the technique by using what?
3. Which element forms a foam structure in the body that we find most useful?
4. What is the definition of an “Intuitive Science?”
5. How did Rutherford compare to the other scientists at Cambridge?
6. What did Rutherford and his partner, Soddy, discover about elements?

7. How old was the Earth according to William Thomson, aka Lord Kelvin?
  
8. How did Rutherford avoid jeopardizing his career by disproving Kelvin's calculations?
  
9. What is sonoluminescence? Which element was discovered to be the main cause?
  
10. Explain what Appalachian State University students discovered?