Student Self-Assessment Questions for Unit 2
These questions are included in the online reading in Student Materials

**Question #1** Which of the following mineral resources are used to make rechargeable batteries?
   a. Copper
   b. **Lead**
   c. Lithium
   d. Barium

**Question #2** Which of the following will increase the price of a mined resource?
   a. Because of higher operating costs, many mines in the United States close.
   b. Mining companies need to invest in new technology to meet more stringent environmental regulations.
   c. More mines open up, so that more of that mineral resource is mined.
   d. A popular new product uses a lot of that mineral resource.
   e. Global population increases, and this mineral resource is used in products owned by most people.
   f. Global health officials find that the mineral resource is harmful to human health.
   g. A new, relatively cheap mineral resource is found that can be used instead of the mineral resource (whose price we care about).

**Question #3** What will happen to the amount of mining if the price of a mineral resource increases?
   a. More mining will ensue
   b. Mines will shut down or slow operations
Question #4  Based on the graph below, how much cobalt was produced worldwide in 2010?
   a. 120,000 metric tons  
   b. 100,000 metric tons  
   c. Between 100,000 and 120,000 metric tons  
   d. Less than 100,000 metric tons

Question #5  Based on the graph below, summarize how world production of cobalt changed between 1995 and 2010?
   a. Production mostly increased  
   b. Production mostly decreased  
   c. Production stayed about the same