

## Article-Based Observation: Q

**Directions:** Read the *Science News* article "[Tainted supplements flood the market](#)" and then answer the following questions.

1. What is the central idea of the article?

2. What were many of the tainted dietary supplements marketed to allegedly help?

3. What are the supplements legally allowed to contain?

4. Approximately how many American adults have taken dietary supplements? How many supplements are available in the United States?

5. Between 2007 and 2016, how many dietary supplements did the U.S. Food and Drug Administration determine contained potentially harmful pharmaceutical drugs? How many tainted supplements were voluntarily recalled by their makers?

**6. Does the U.S. government test all dietary supplements and enforce regulations on them?**

**7. Are companies legally allowed to claim that dietary supplements have health benefits regardless of whether or not there's scientific evidence to support such claims?**

**8. How many emergency room visits each year are caused by dietary supplements? How many hospitalizations each year are related to heart problems caused by dietary supplements? How many liver injuries were caused by dietary supplements in 2013?**

**9. What would you like to see done based on the results reported in this article?**

**10. Can you think of one general research idea related to this article that you could do (even though you may not have the equipment readily available to test the idea)?**