

10 Radioactive Everyday Products Article Questions

1. In the article, find an example of:
 - a. An isotope with a half-life over 400 years. Which isotope is it, what is its half-life, and where is this isotope found?
 - b. An isotope with a half-life under 50 years. Which isotope is it, what is its half-life, and where is this isotope found?
 - c. An isotope that does beta decay, and where this isotope is found.
 - d. An isotope that does alpha decay, and where this isotope is found.
 - e. A new type of decay we have not talked about in class.
 - f. Two edible sources of radiation.
 - g. Two luminescence (light producing) sources of radiation.
2. What are the units of radioactivity?
3. Based on the article, which of these radioactive sources you are exposed to the most?
4. Do you think radiation is good or bad? Is radiation something we should be worried about? Explain why you think so.
5. Research an example of a source of radiation that was not mentioned in the article.