

4. What is the half-life of neon-19, if a 250. milligram sample decays to 7.81 milligrams in 51.6 seconds?
5. The half-life of thorium-232 is 1.4×10^{10} years. If there are 5.5 grams of thorium-232 left after 2.8×10^{10} years, how many grams of radioactive nuclide were in the original sample?
6. There are 3.2 g of iron-53 left after 135 days. How many grams were in the original sample if iron-59 has a half life of 45.1 days? Iron-59 is used as a radiotracer to study red blood cells.

The purpose of this assignment was to:

Did I:	Circle the appropriate response:		
Explain how I did the problems?	Always	Sometimes	Rarely
Listen while my partner explained?	Always	Sometimes	Rarely
Give my partner positive support?	Always	Sometimes	Rarely
Stay on task during the assignment?	Always	Sometimes	Rarely
Use encouraging and polite words?	Always	Sometimes	Rarely
Record my work on the paper?	Always	Sometimes	Rarely
Demonstrate an understanding of the material?	Yes	No	

Comments: