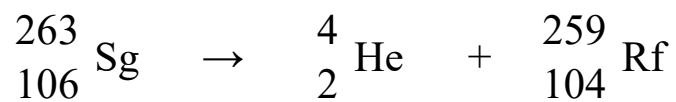
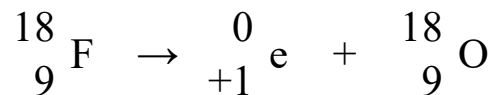


Nuclear Walk Around Practice Answers

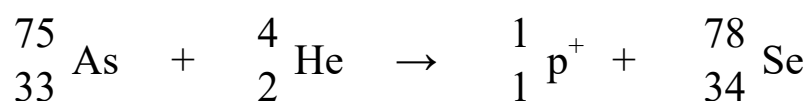
1



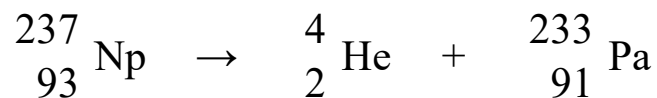
2



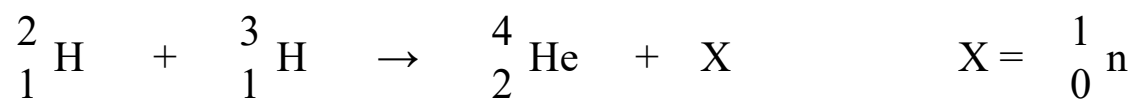
3



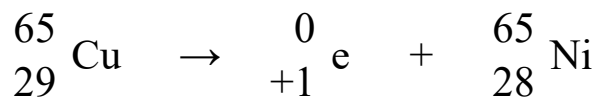
4



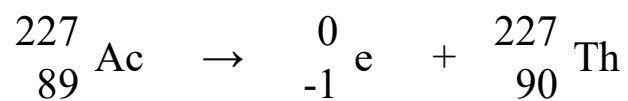
5



6

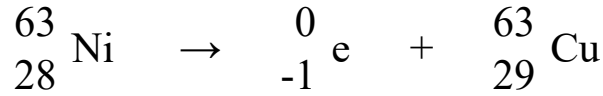


7

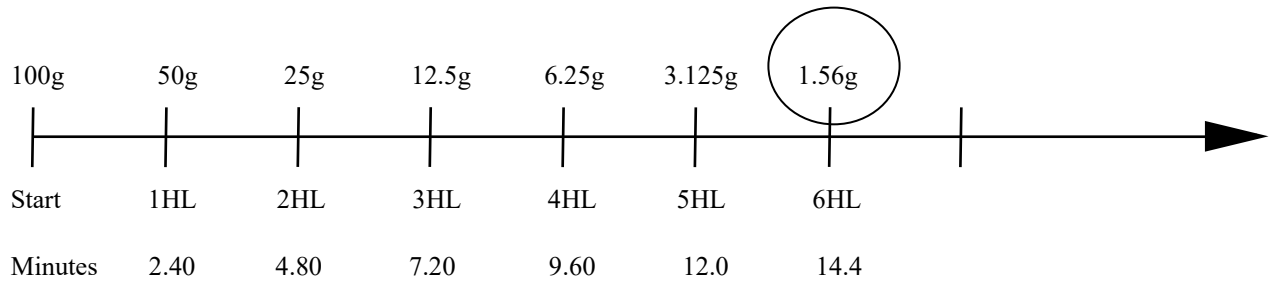


Nuclear Walk Around Practice Answers

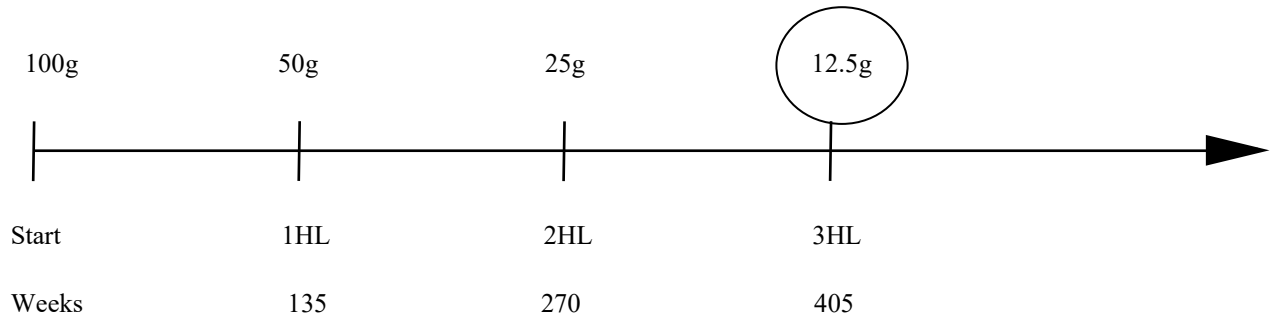
8



9



10



11

These are the true statements: A, B, C, and G

I-131 is used to treat diseases of the thyroid AND diagnose thyroid disease.
 Co-60 is used to treat cancer (radiation treatment, this emits beta particles)
 C-14 and C-12 ratios date previously living stuff, up to about 50,000 years

12

In the reactor a chain reaction called fission makes the heat. The steam generator absorbs that heat to make steam, which pushes the blades of the turbine. A turbine is a sort of propeller, which is turned by the steam. It's attached to big magnets, which spin around wires, which creates electricity. Another product is hot water/heat. Fission is the reaction (not fusion). Wastes are radioactive and dangerous, and they last thousands of years. No CO₂ is released by nuclear power plants, this lessens global warming.