

BLITZ: Ch 28 Nuclear

Form A-C

Name _____ Period _____

This is a Take Home Exam. You may use your notes but you may NOT use help from human beings.

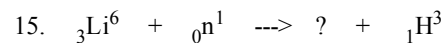
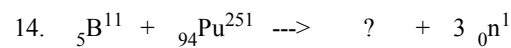
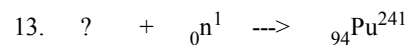
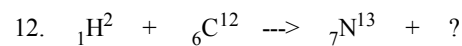
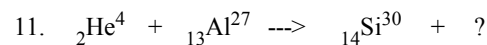
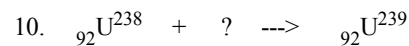
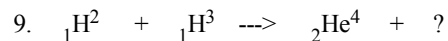
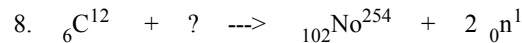
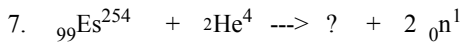
EXPLAIN IN COMPLETE SENTENCES AND GIVE EXAMPLES:

You MUST HAND WRITE THIS EXAM!! NO TYPED PAPERS WILL BE ACCEPTED!

Define these terms and give an example:

1. Atomic Number.
2. Mass Number
3. Isotope.
4. Alpha particle.
5. Neutron.

***** COPY THESE EQUATIONS AND COMPLETE THEM ON YOUR PAPER:**



16. Diagram a Nuclear Reactor and tell the function of its parts.
17. Diagram a Nuclear Power Plant and compare it to a coal fired power plant.
18. Explain how Radioactive Dating tells us the age of ancient artifacts.
19. Explain Critical Mass and describe how to make a nuclear bomb.
20. Explain how to separate the isotopes of Uranium.

When finished, please STAPLE this exam onto your papers and turn in on due date.