

BLITZ: Ch 28 Nuclear

Form S

Name _____ Period _____

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

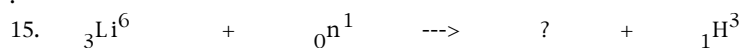
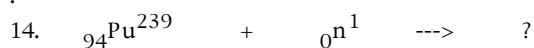
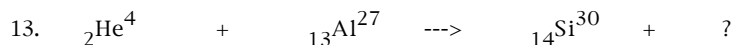
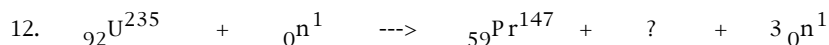
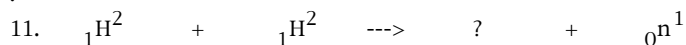
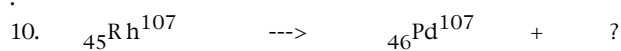
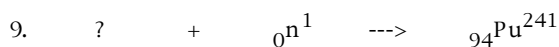
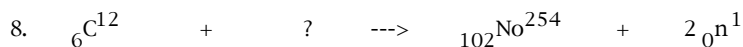
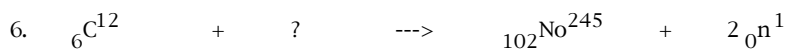
EXPLAIN IN COMPLETE SENTENCES AND GIVE EXAMPLES:

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

Define these terms and give an example:

- Beta particle.
- Atomic number.
- Isotope.
- Positron.
- Atomic weight

***** COMPLETE THESE EQUATIONS:**



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

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