

# BLITZ: Ch 28 Nuclear

## Form I-L

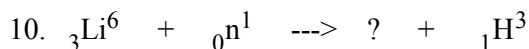
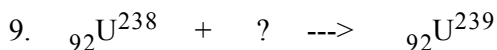
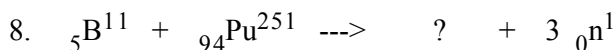
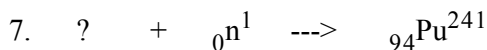
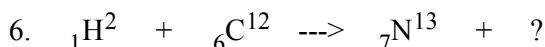
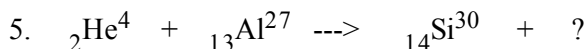
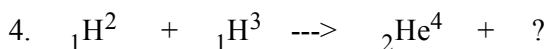
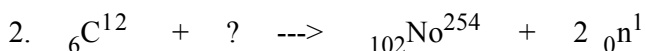
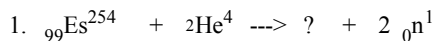
Name \_\_\_\_\_ Period \_\_\_\_\_

*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!**

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



**Define these terms and give an example:**

11. Mass number.
12. Isotope.
13. Atomic weight.
14. Proton.
15. Beta particle.
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.**