

# BLITZ: Ch 28 Nuclear

## Form D-H

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

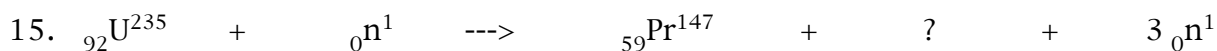
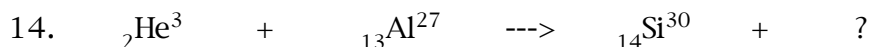
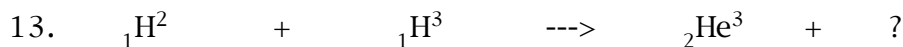
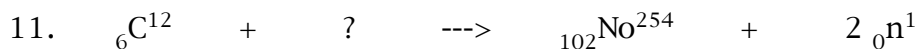
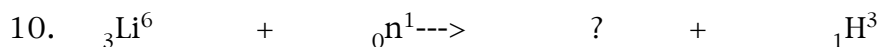
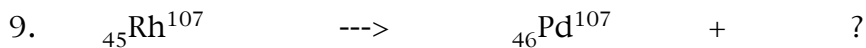
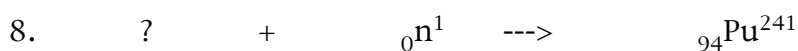
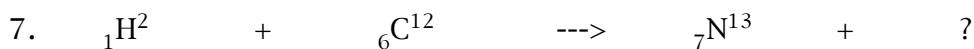
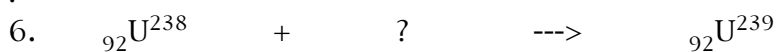
*This is a Take Home Exam. You may use your notes but you may NOT use help from human beings.*

**EXPLAIN IN COMPLETE SENTENCES AND GIVE EXAMPLES:**

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

1. Positron.
2. Atomic number.
3. Proton.
4. Isotope.
5. Beta particle.

**\*\*\* COMPLETE THESE EQUATIONS:**



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.**