

Name: _____

Hour: _____ Date: _____

Chemistry: Vocabulary – Nuclear

Directions: Define each of the following terms. For some of the terms, you may need to consult sources other than your textbook, such as a dictionary or encyclopedia.

1. ***alpha particle***

2. ***band of stability***

3. ***beta particle***

4. ***binding energy***

5. ***chain reaction***

6. ***containment shell***

7. ***control rods***

8. ***critical mass***

9. ***decay series***

10. ***electronegativity***

11. *fission*

12. *film badge*

13. *fusion*

14. *gamma rays*

15. *Geiger-Muller Counter*

16. *half-life*

17. *isotope*

18. *mass defect*

19. *moderator*

20. *nuclear shell model*

21. *nucleon*

22. **neutron**

23. **proton**

24. **positron**

25. **radiation**

26. **radioactive dating**

27. **radioactive tracers**

28. **shielding**

29. **strong force**

30. **transmutation**