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***