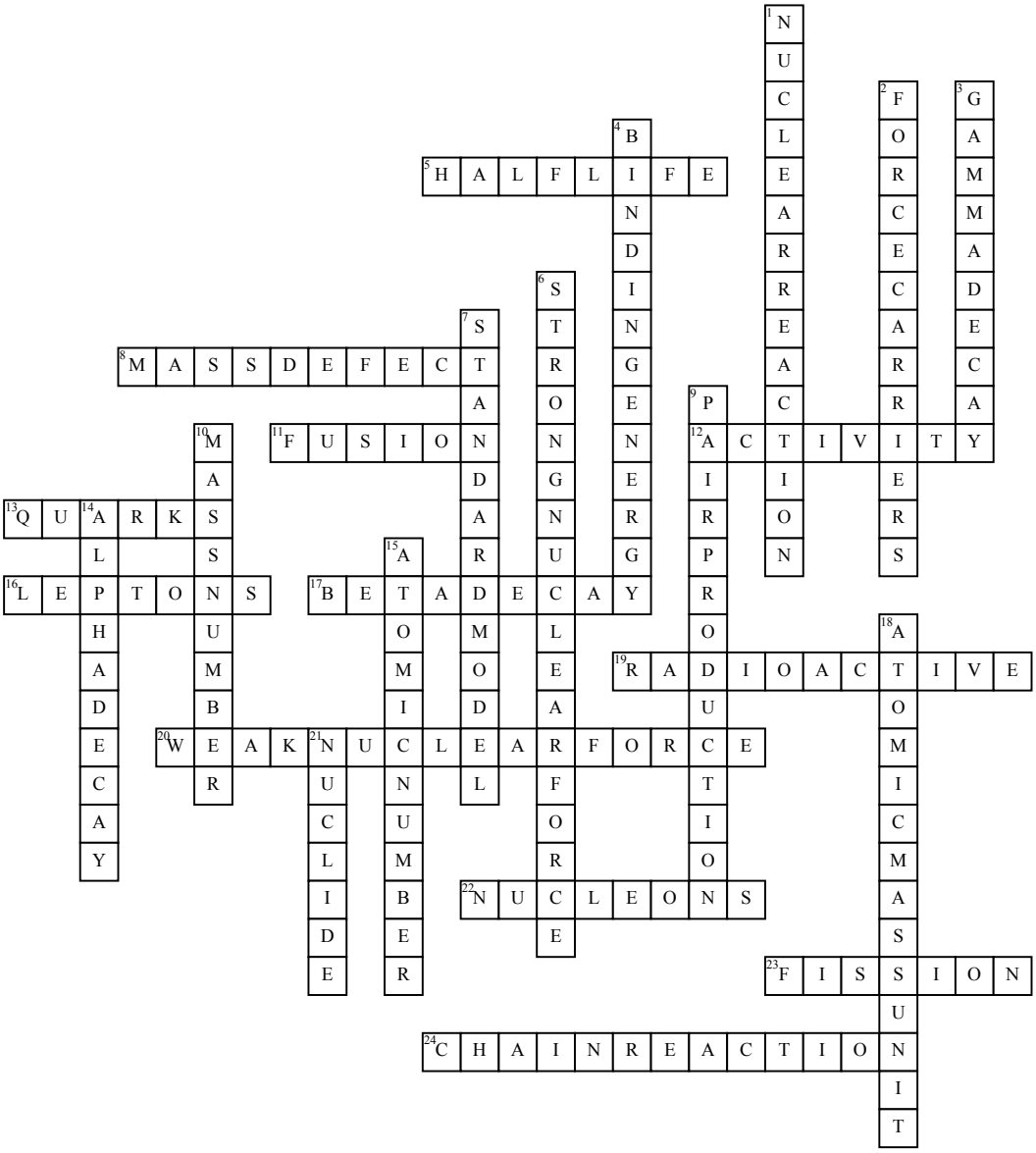
Name: _____ Date: _____

Physics Crossword



Across

5. Divide by 2

8. Nucleons - actual mass

11. Combine nuclei

12. Decays per second

13. Make up nucleons and pions

16. Particle family

17. Neutron converted to proton

19. Penetrating rays produced

20. Acts in the nucleus in beta decay

22. Protons and neutrons

23. Divide the nucleus

24. Continuous fission

Down

1. Number of protons and neutrons changes

2. Transport forces

3. Redistribution of energy in nucleus

4. Equivalent to mass defect, always negative

6. Binds the nucleus

7. Explains particle families

9. Energy into antimatter

10. Protons + Neutrons

14. Alpha particle emitted

15. Number of protons

18. Unit of mass

21. Nucleus of an isotope