



Topics for the fall final exam

Instructions for Whiteboards

- Do **NOT** write on p.129 yet!!!
- As a group try to brainstorm the **24** topics that I have on my list
- The group that has the most topics the same as me (order doesn't matter) will get a prize!
- At **the end** we will copy the official list down onto p.129

1. History of atomic models
2. Scientific notation
3. Metric system
4. Metric conversions
5. Atomic #s (counting protons, neutrons, electrons)
6. Isotopes
7. The mole and molar mass
8. Dimensional analysis
9. Molar conversions
10. Orbitals
11. Orbital diagrams
12. e- configurations
13. Atomic absorption and emission
14. Types of nuclear decay
15. Nuclear equations
16. Half life
17. Decay series
18. Structure of the periodic table
19. Periodic trends
20. Common ions
21. Types of bonds
22. Naming molecules & compounds
23. Writing formulas
24. Lewis structures