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| 1. History of atomic models
 |
| 1. Scientific notation
 |
| 1. Metric system
 |
| 1. Metric conversions
 |
| 1. Atomic #s (counting protons, neutrons, electrons)
 |
| 1. Isotopes
 |
| 1. The mole and molar mass
 |
| 1. Dimensional analysis
 |
| 1. Molar conversions
 |
| 1. Orbitals
 |
| 1. Orbital diagrams
 |
| 1. e- configurations
 |
| 1. Atomic absorption and emission
 |
| 1. Types of nuclear decay
 |
| 1. Nuclear equations
 |
| 1. Half life
 |
| 1. Decay series
 |
| 1. Structure of the periodic table
 |
| 1. Periodic trends
 |
| 1. Common ions
 |
| 1. Types of bonds
 |
| 1. Naming molecules and compounds
 |
| 1. Writing formulas
 |
| 1. Lewis structures with only single bonds
 |