

TEST THREE – Chapters 5 and 25, WAVES, ELECTRONS, and NUCLEAR CHEMISTRY

Possible Review Problems

- p.819 Section Assessment #21-24
- p.821 Reviewing Content #44-46
- p.802 Section Assessment #1-6
- p.821 Reviewing Content #25-32
- p.821 Reviewing Content #41-43
- p.808 Section Assessment #9-14
- p.821 Reviewing Content #33-40
- p. 132 Section Assessment #1-3
- p.146 Section Assessment #18-20
- p.132 Section Assessment #1-7
- p.149 Reviewing Content #22-29
- p.153 Test Prep #1-18
- p.825 Test Prep #1-19

Topics Covered

Chernobyl, Radiation Readings, Types of Radiation, Writing Nuclear Equations, Types of Nuclear Reactions, Half-Lives, Nuclear Decay, Types of Waves, Characteristics of Waves, Wave Demonstration Lab, Speed of Light, Interference, Standing Waves, Electromagnetic Spectrum, Bohr, Balmer Series, Planck's Law, Doppler Shift/Red Shift, Electrons as Waves, Orbitals, Orbital Energy Diagrams, Electron Configurations, Quantum Numbers

And as always, study your notes!