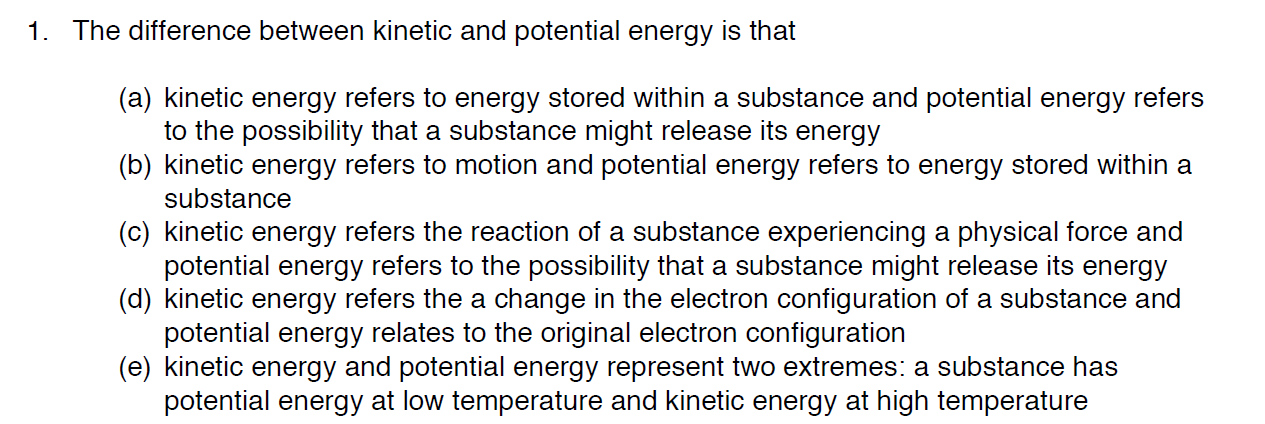
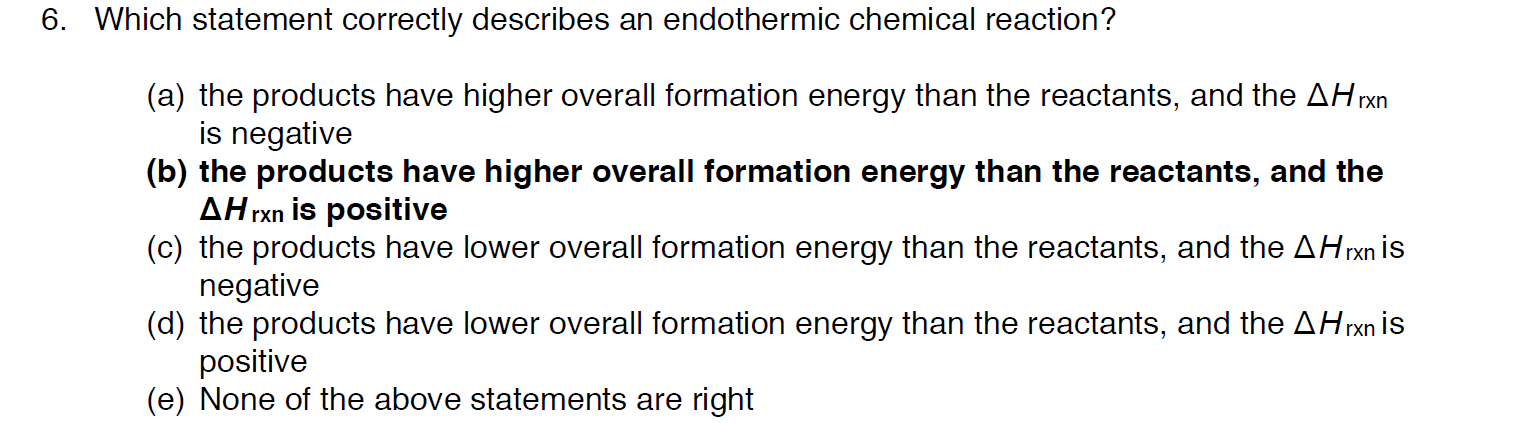
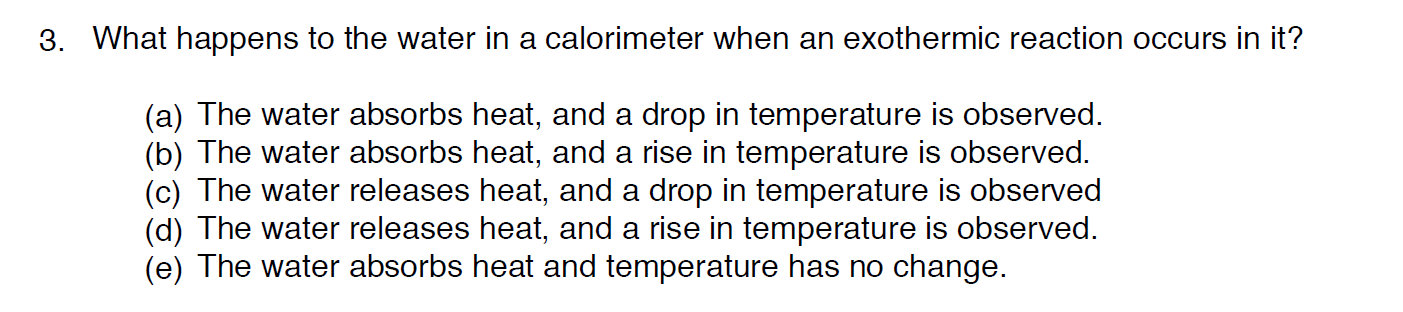
**Chem 200 Exam 2 Study Guide**

Kinetic/Potential Energy



Endothermic/Exothermic

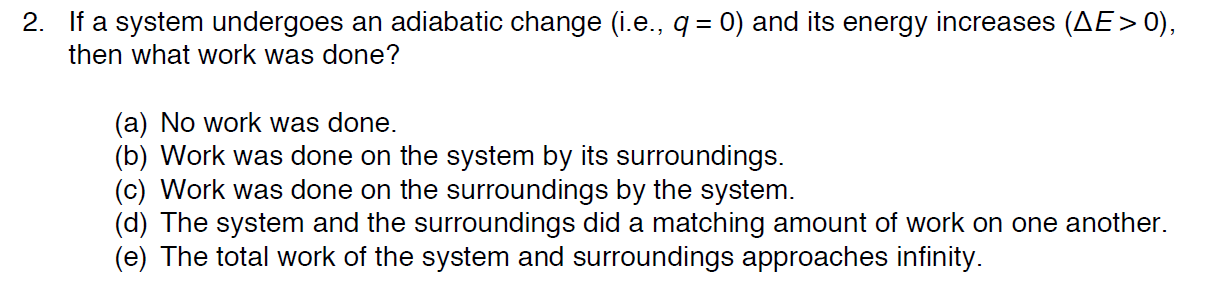


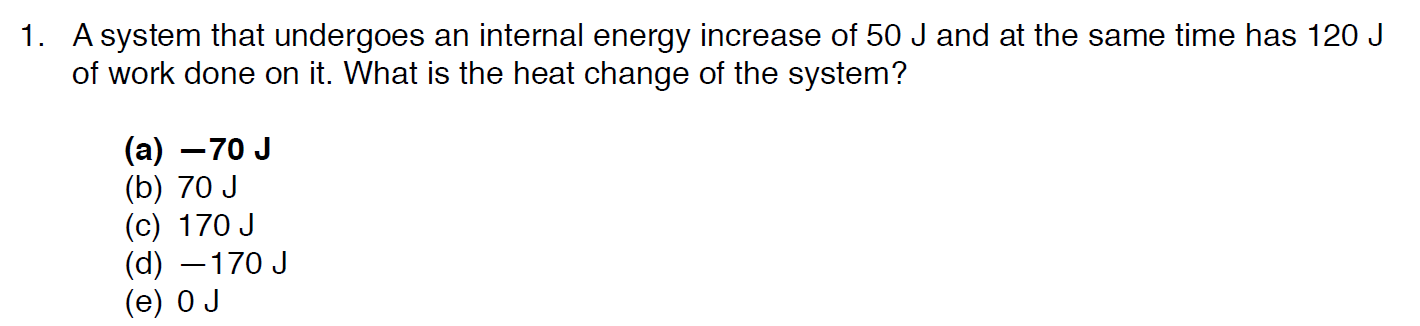


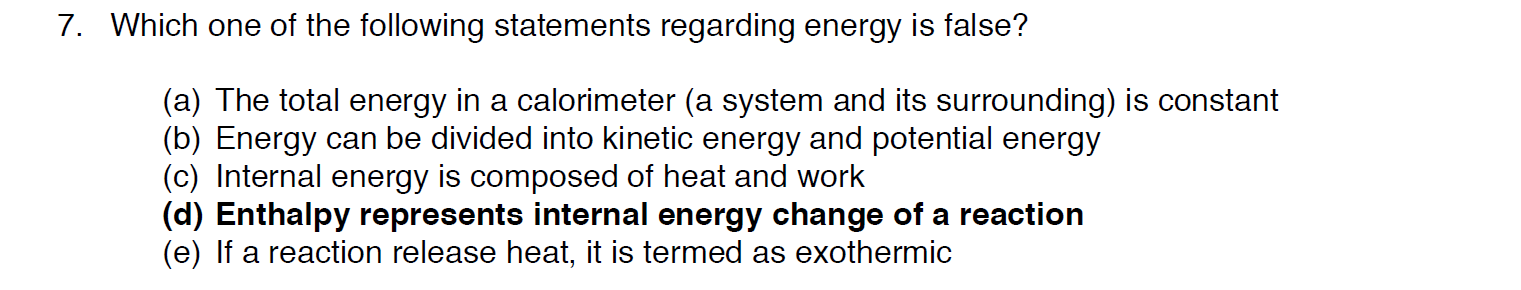
State Functions



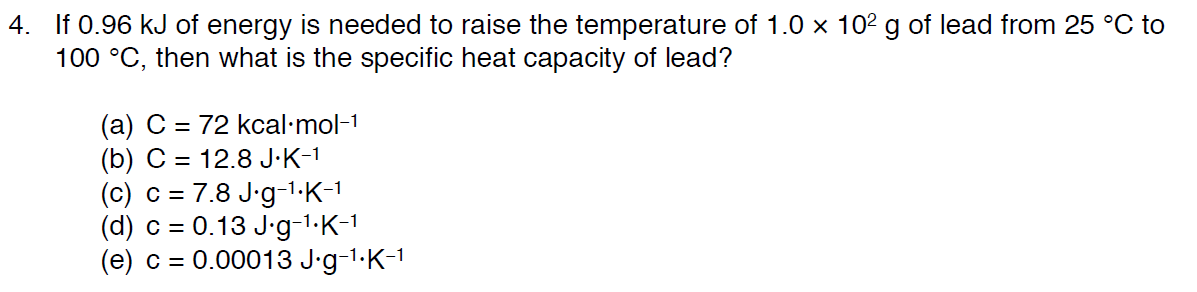
Change in Internal Energy

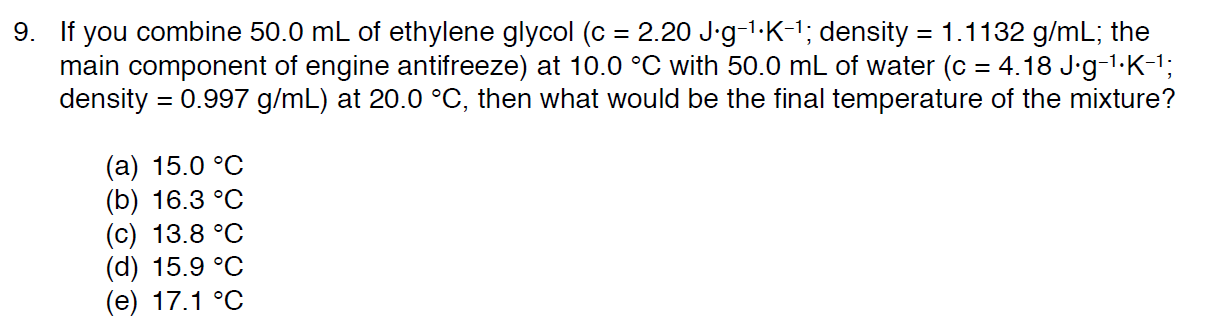


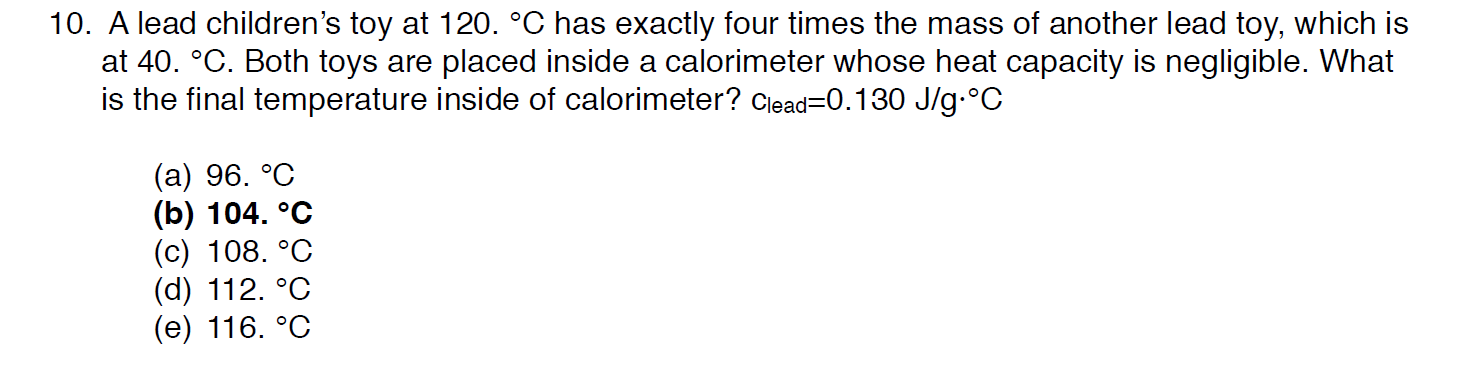


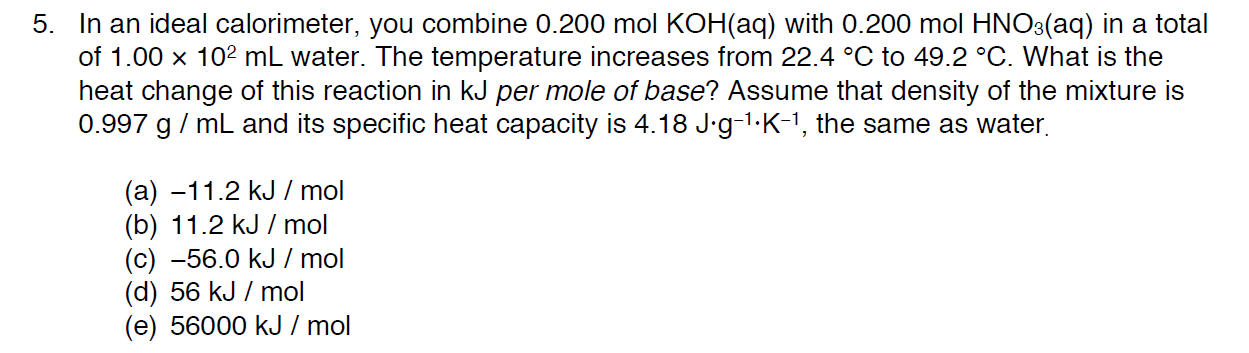


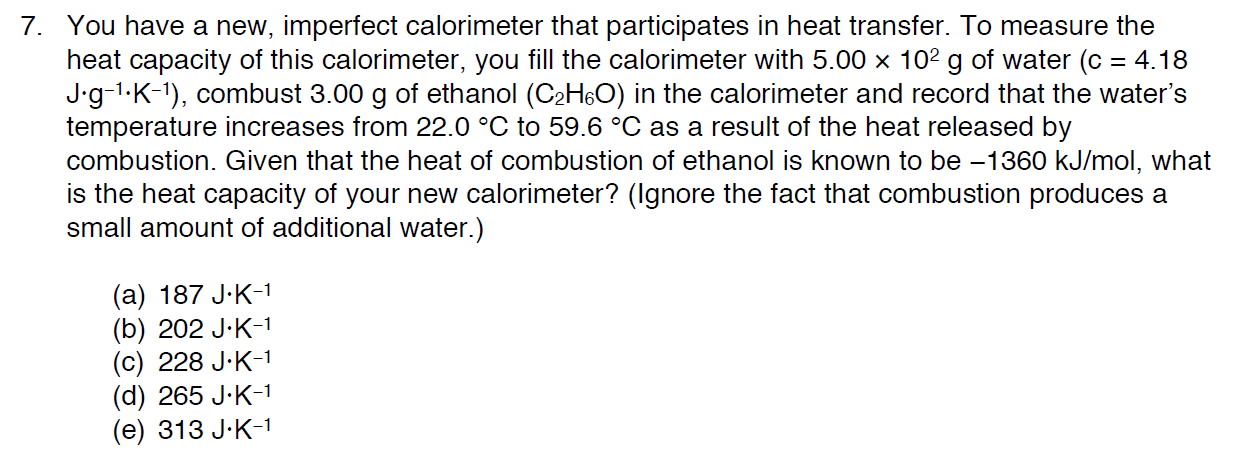
Calorimetry



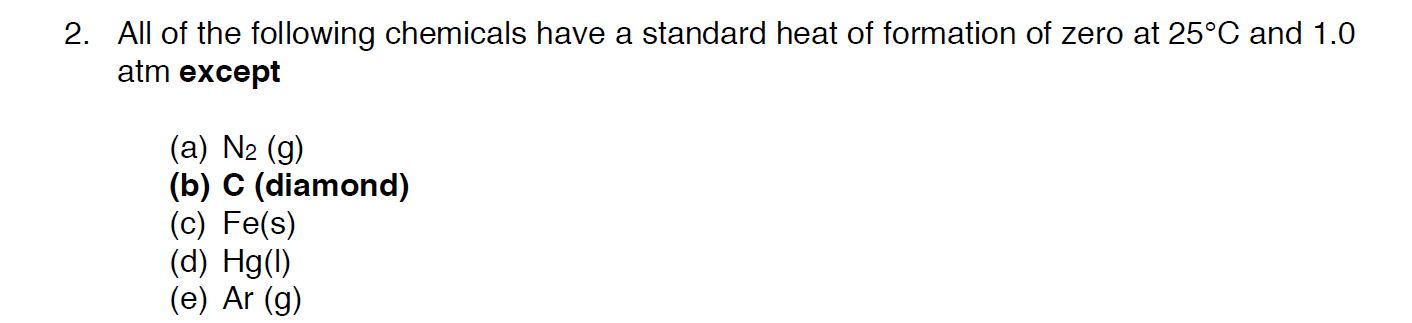


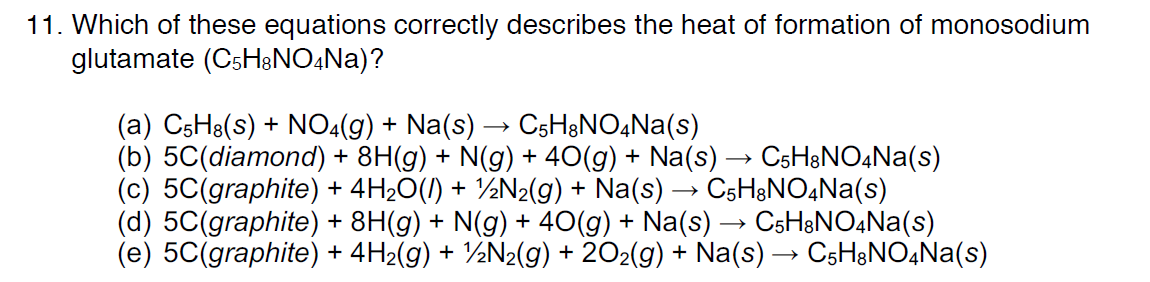


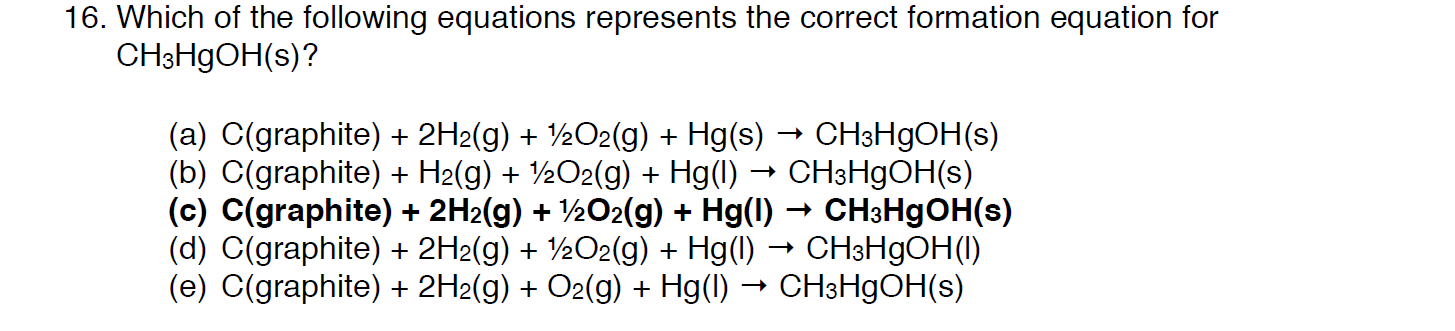




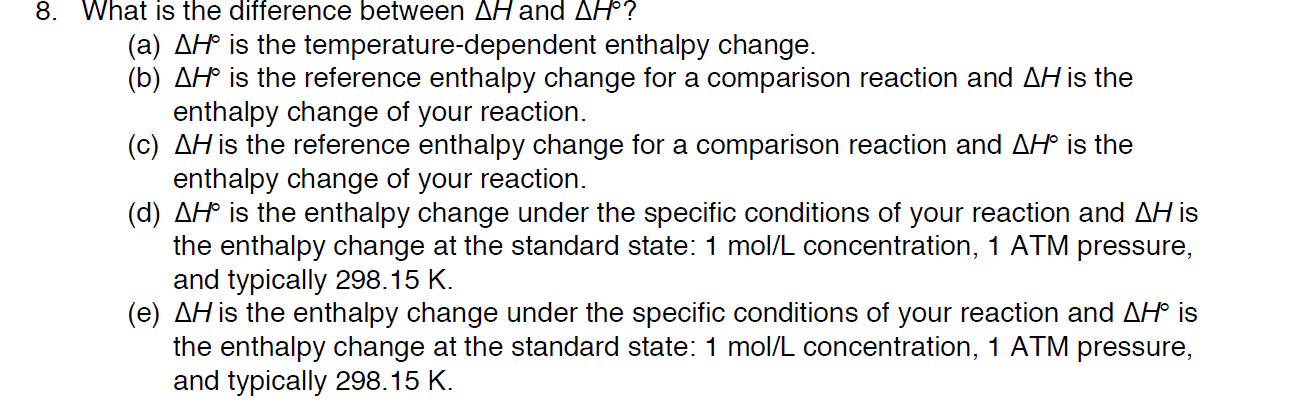
Formation Reactions

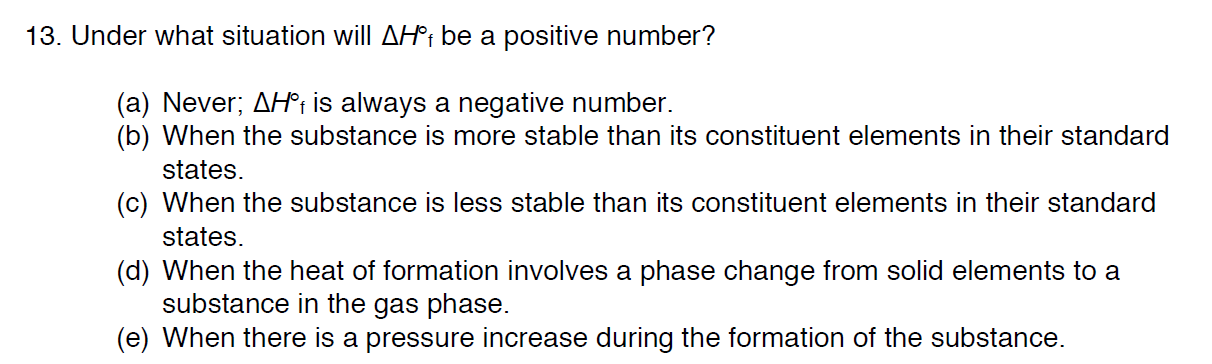


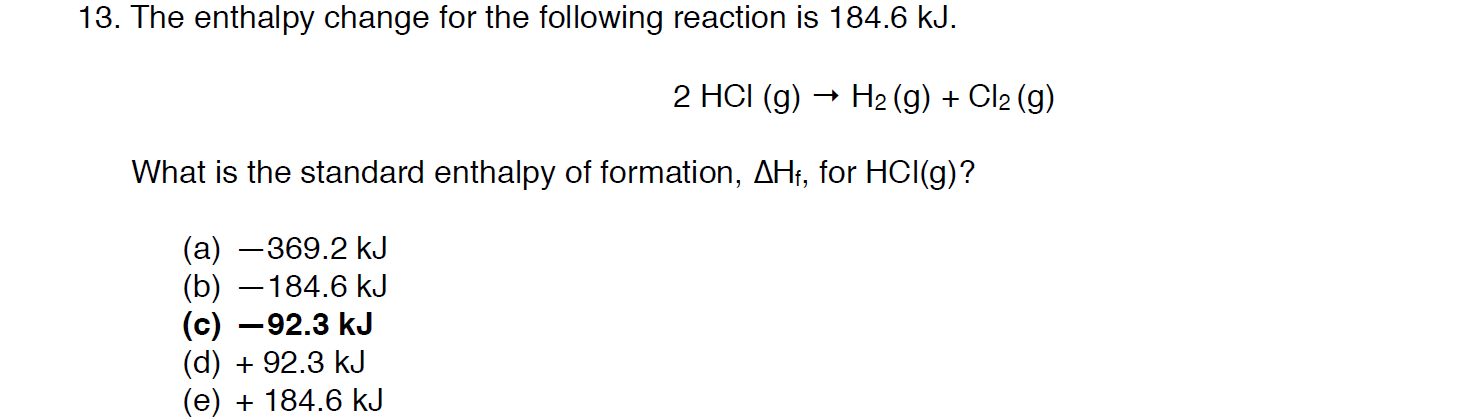


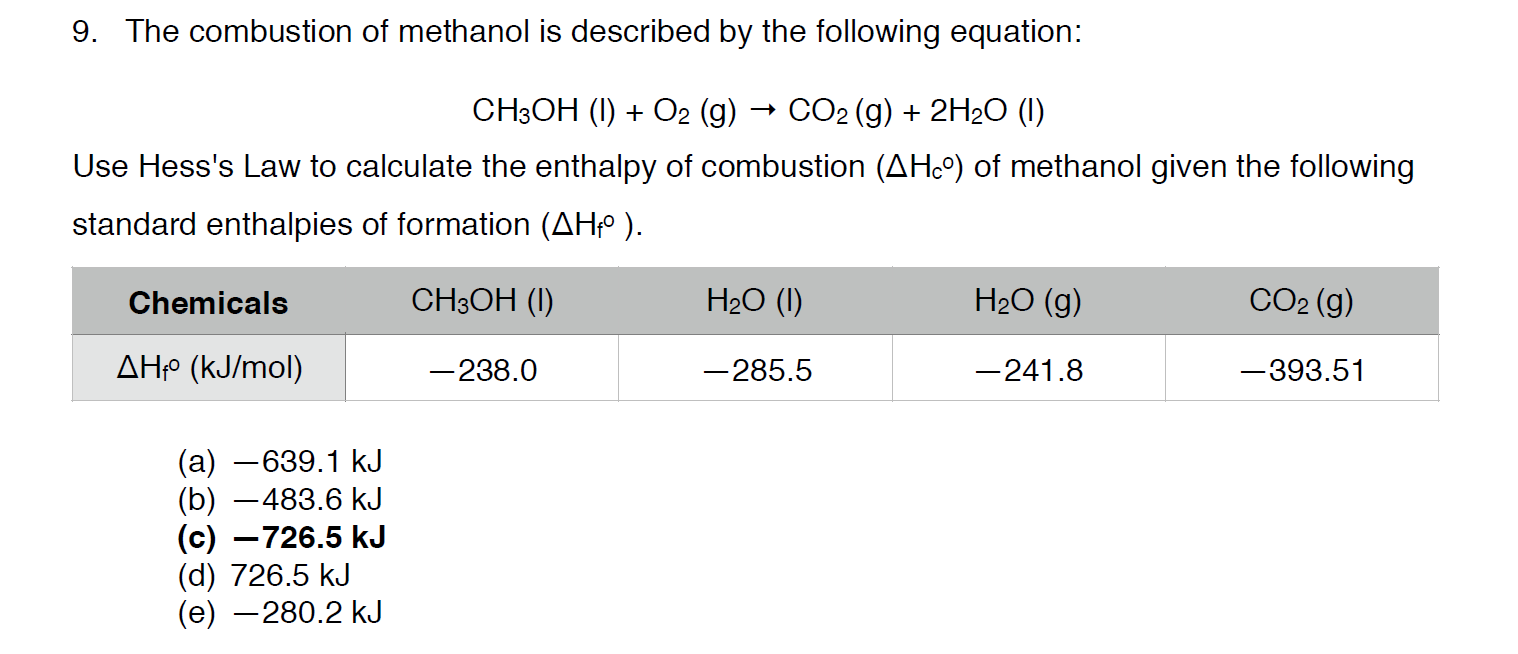


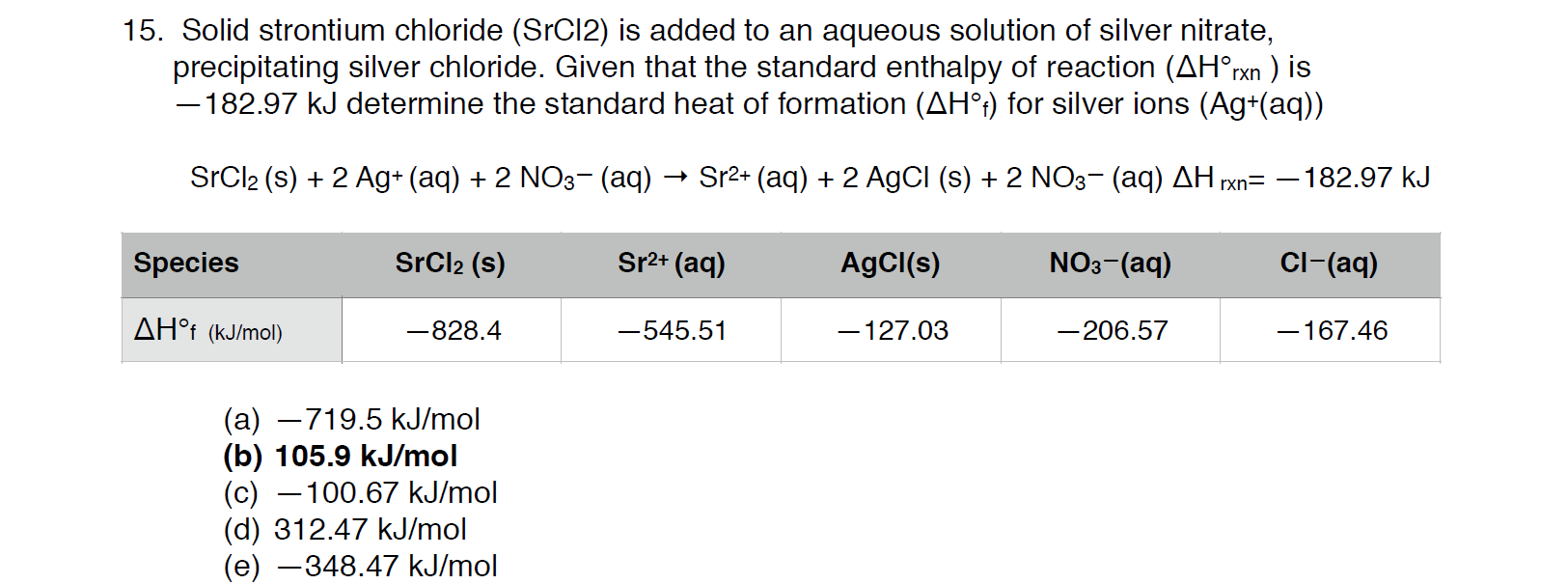
Delta H and Heat of Formations



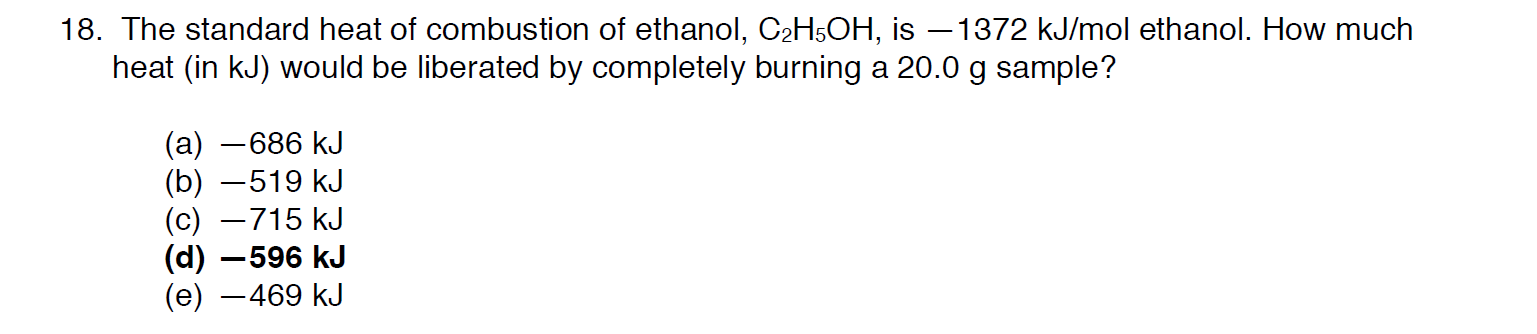


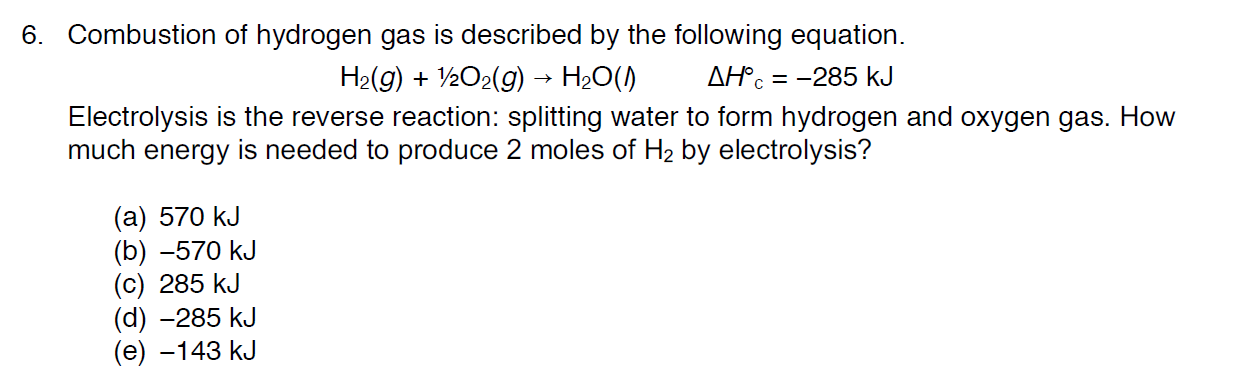




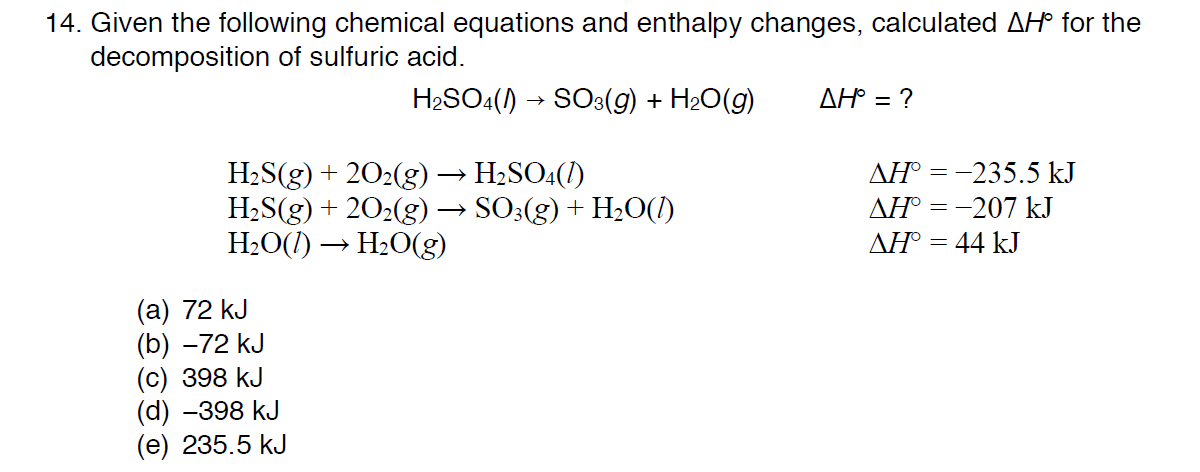


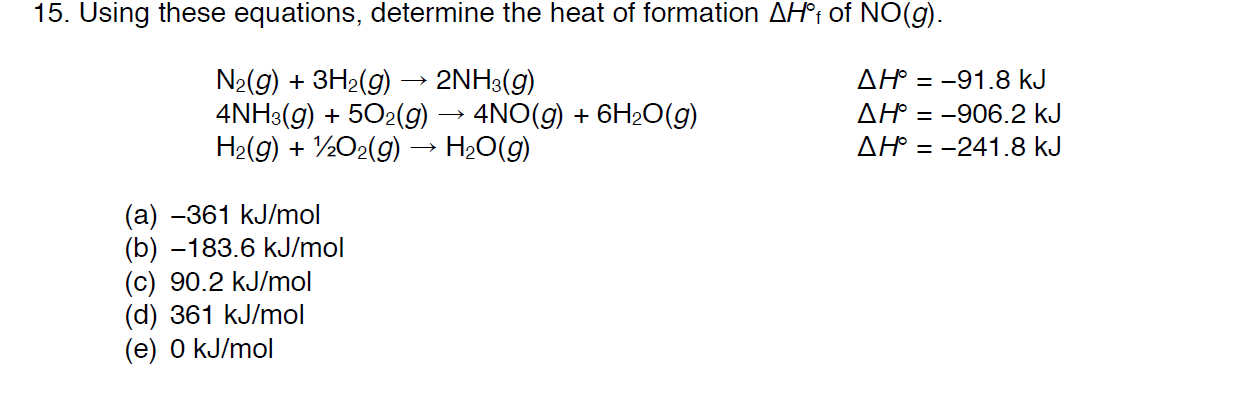
Heat Stoichiometry



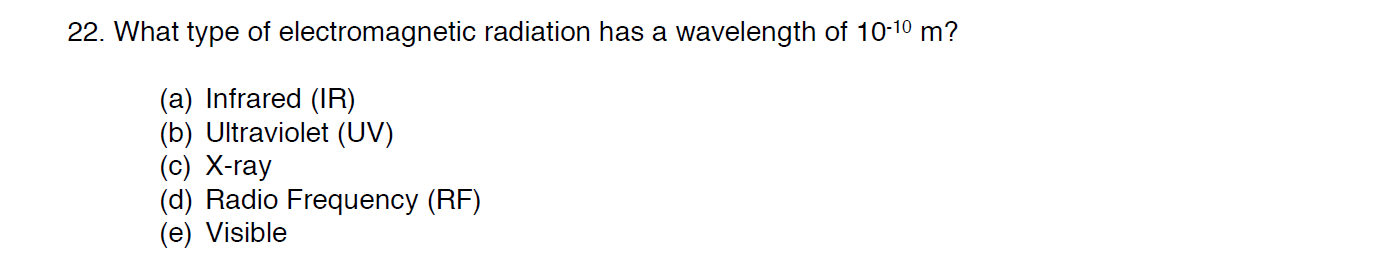


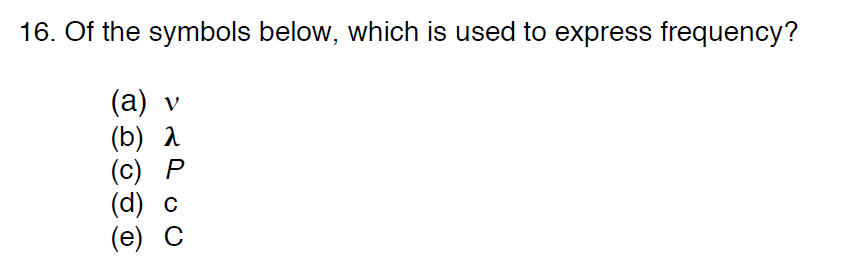
Hess’s Law

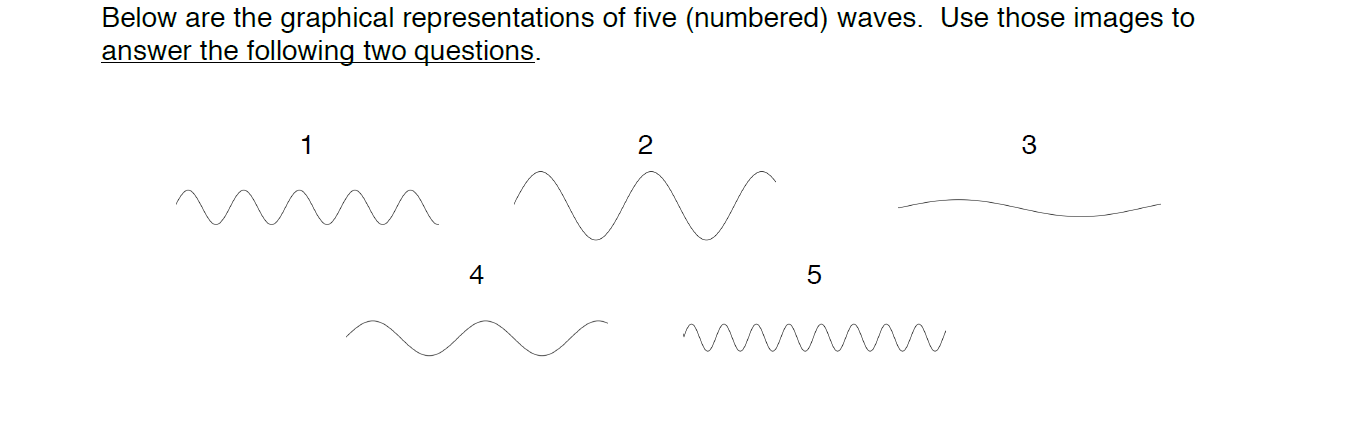


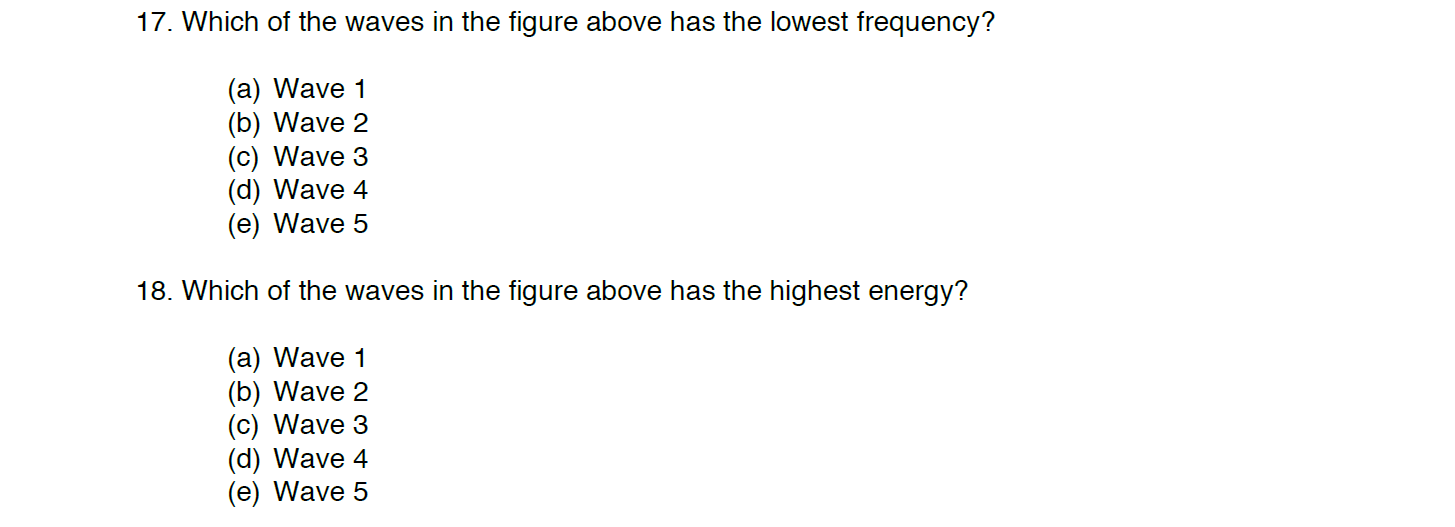


Light

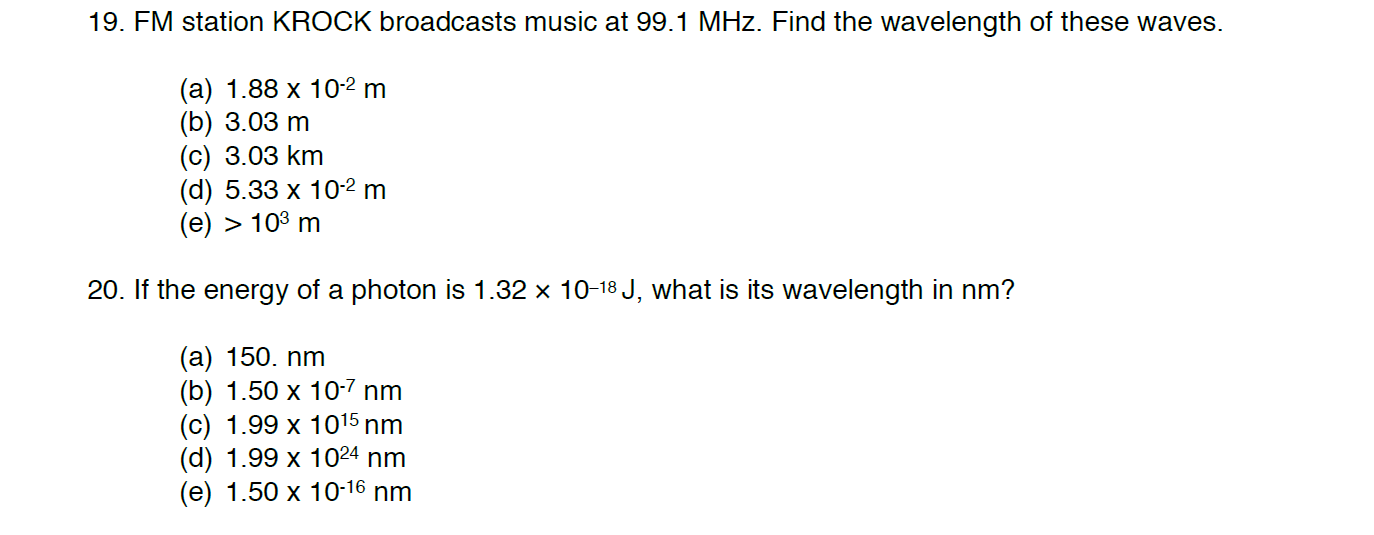




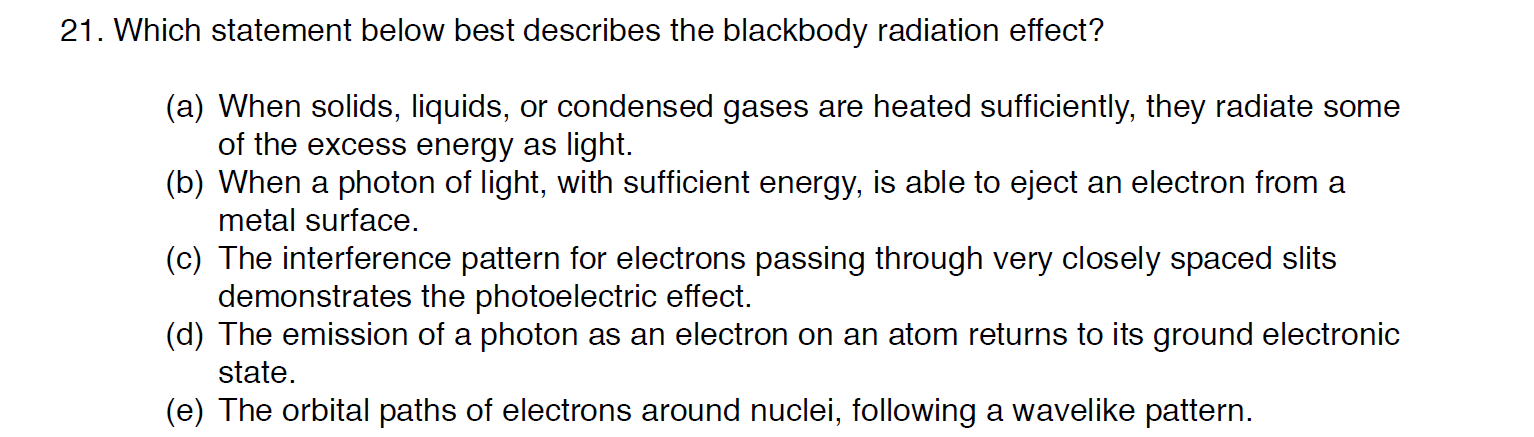




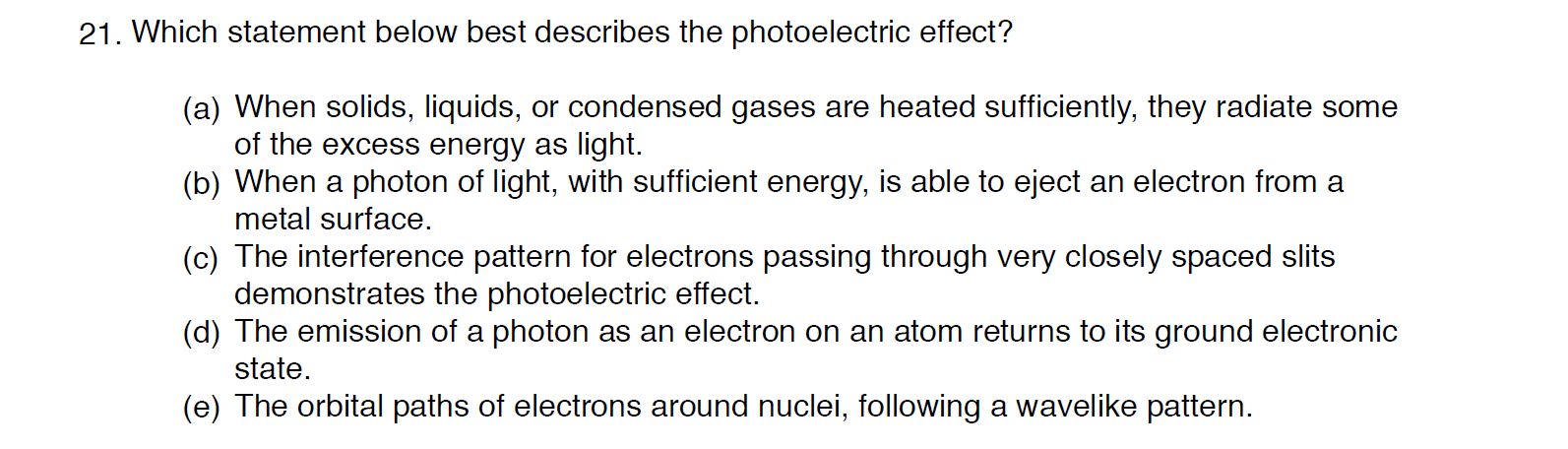
Light Calcs

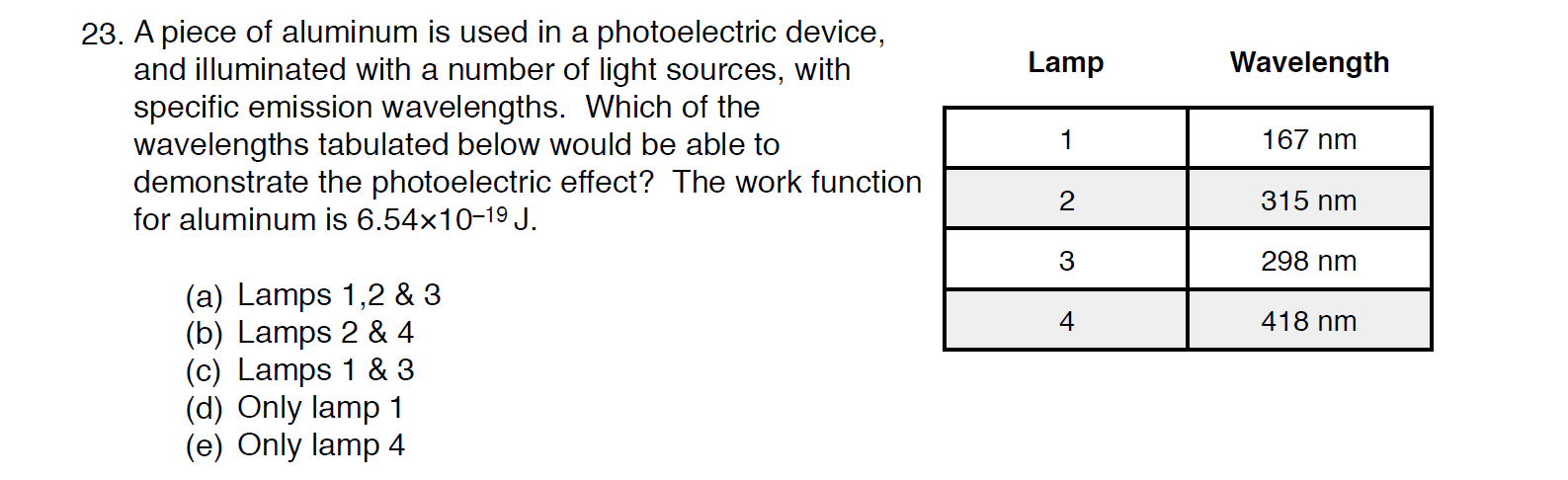


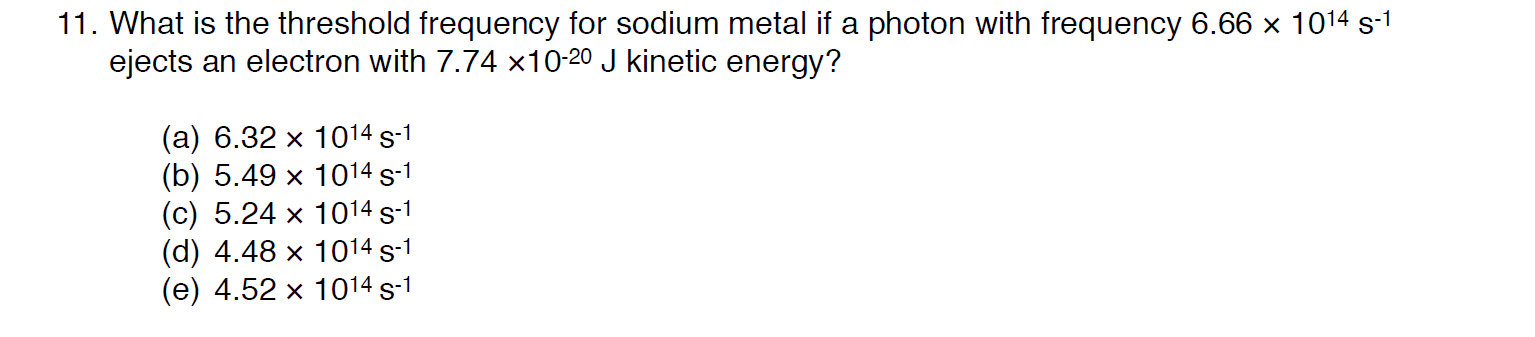
Blackbody Radiation



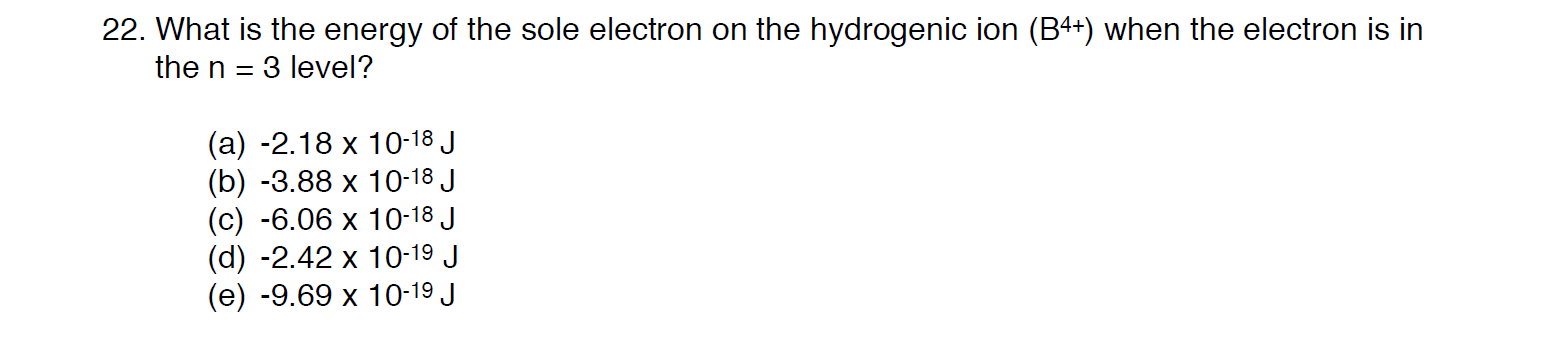
Photoelectric Effect

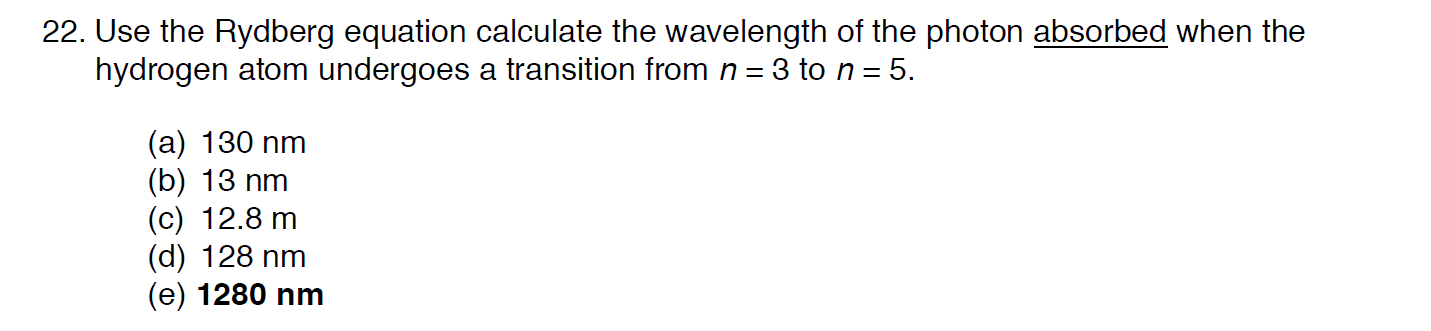


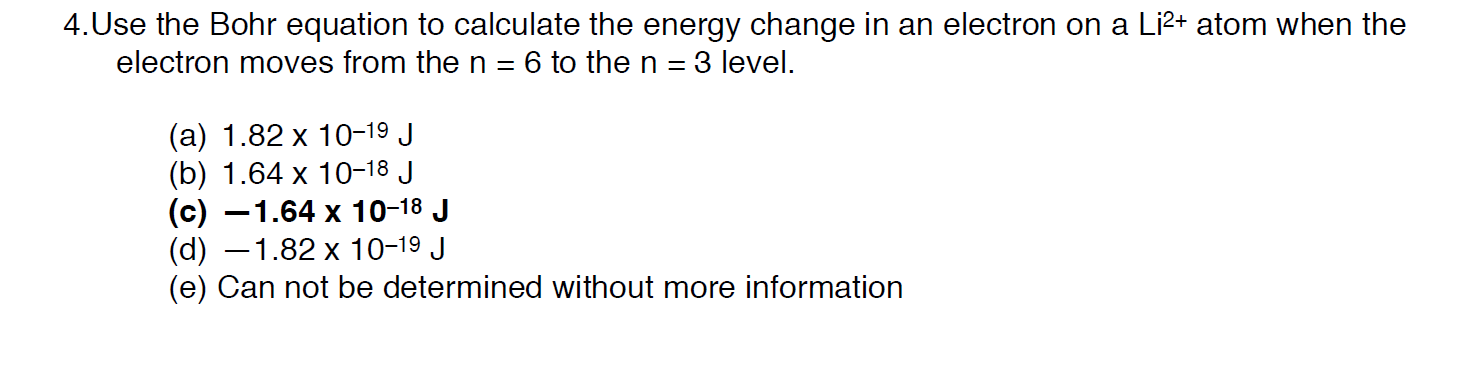


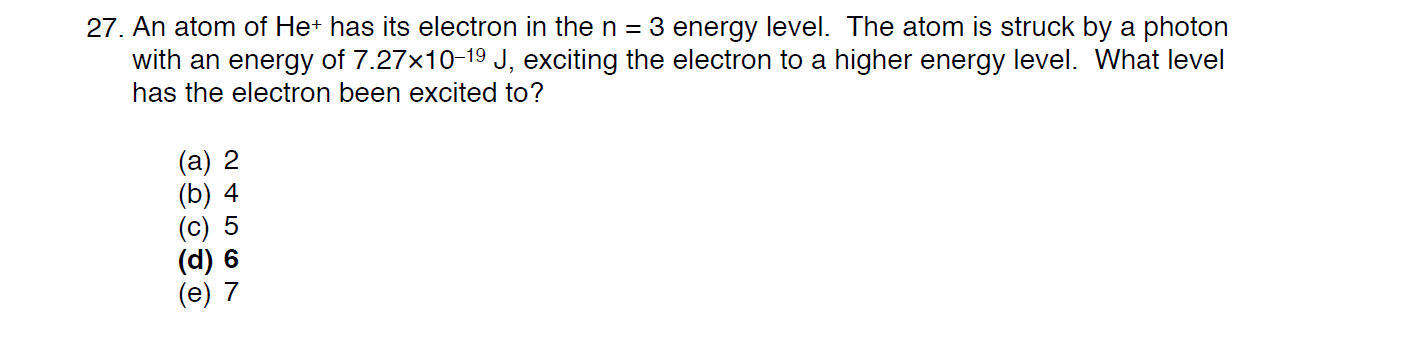


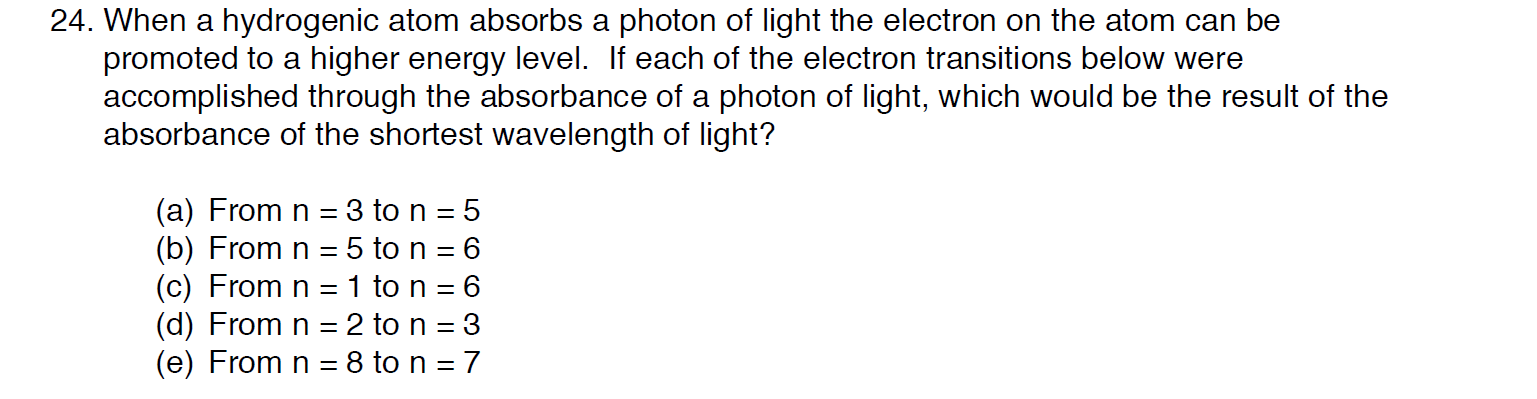
Electron Transitions

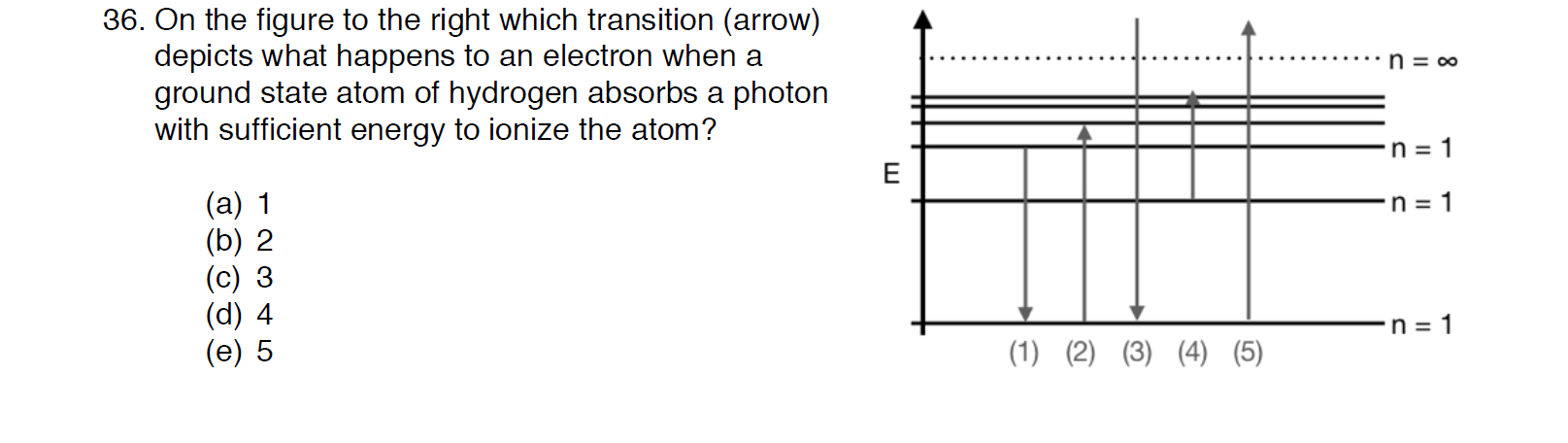






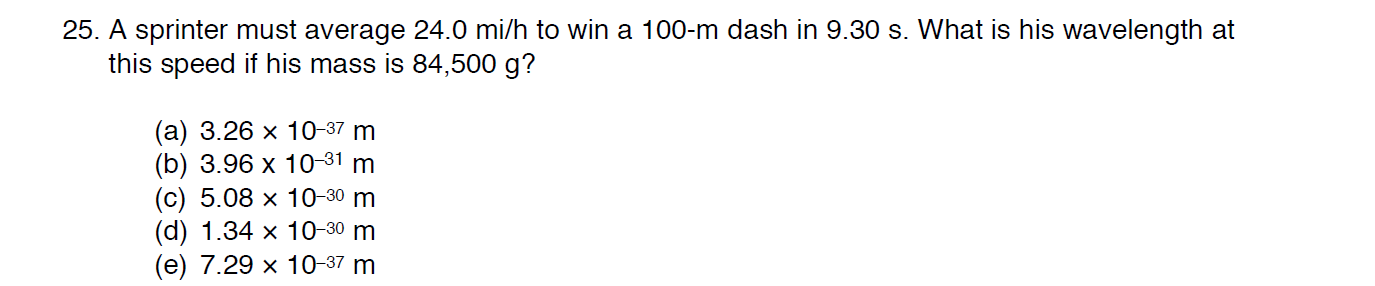


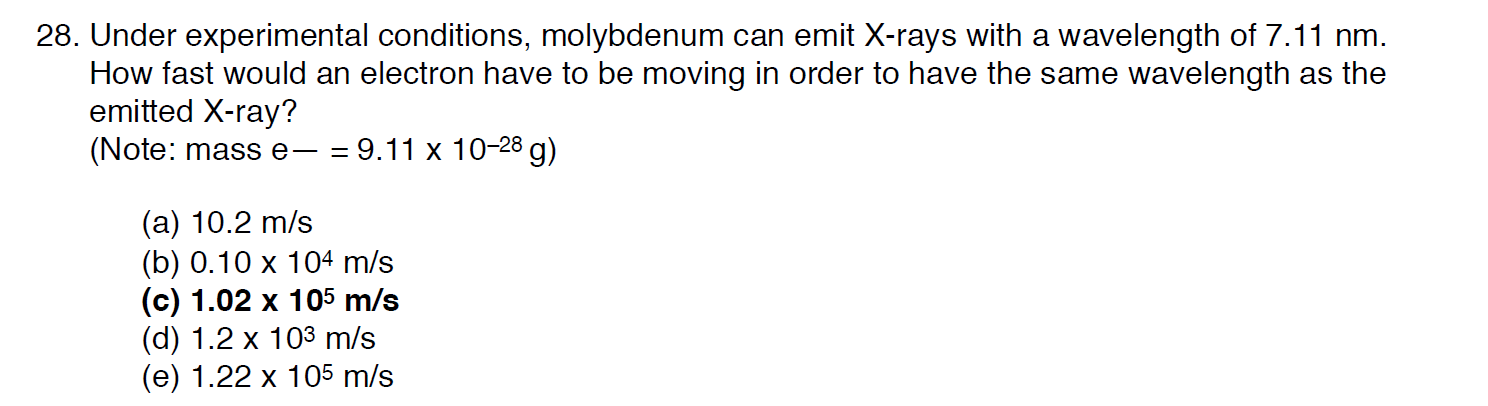




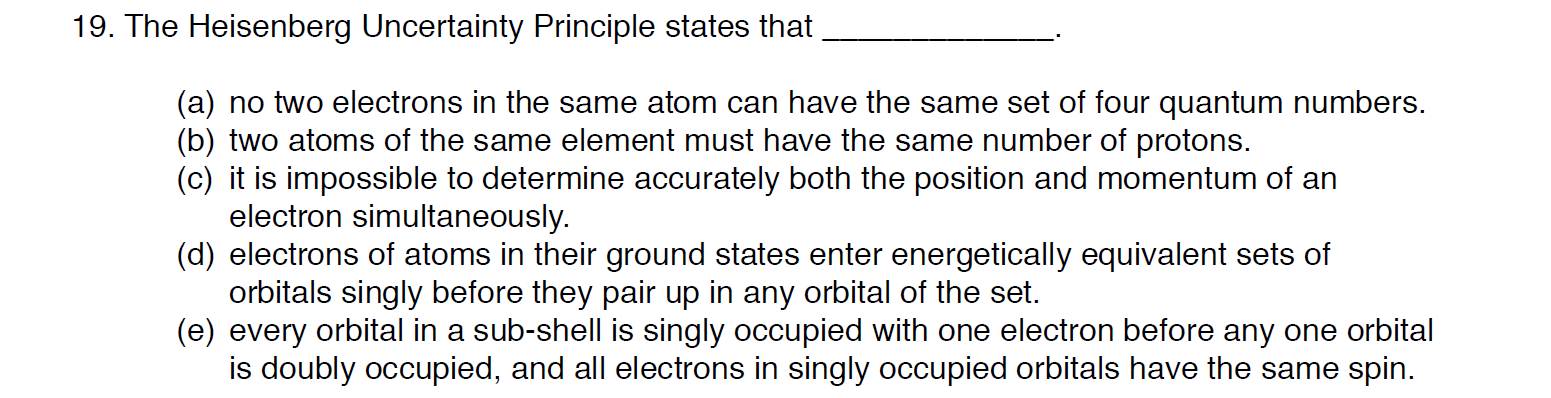
Wave-Particle Duality

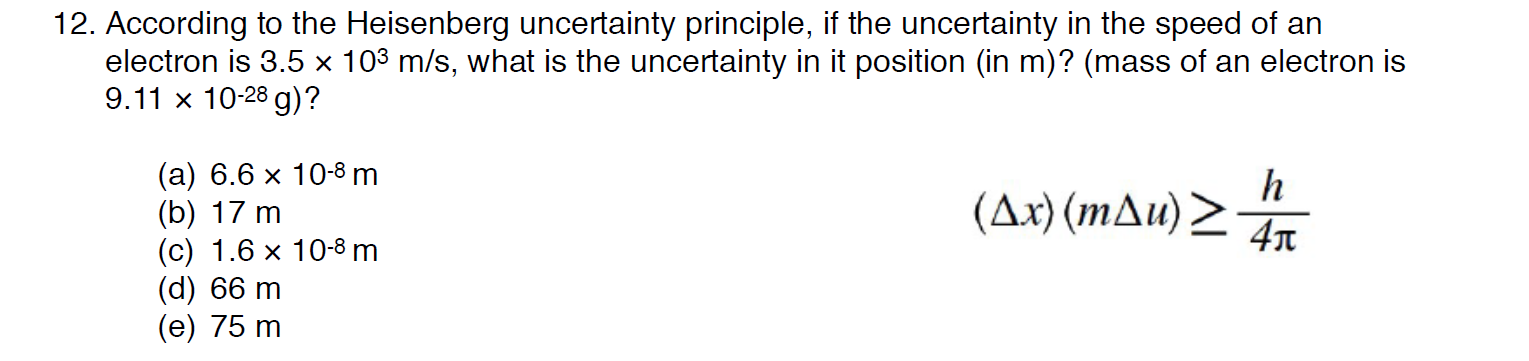
deBroglie



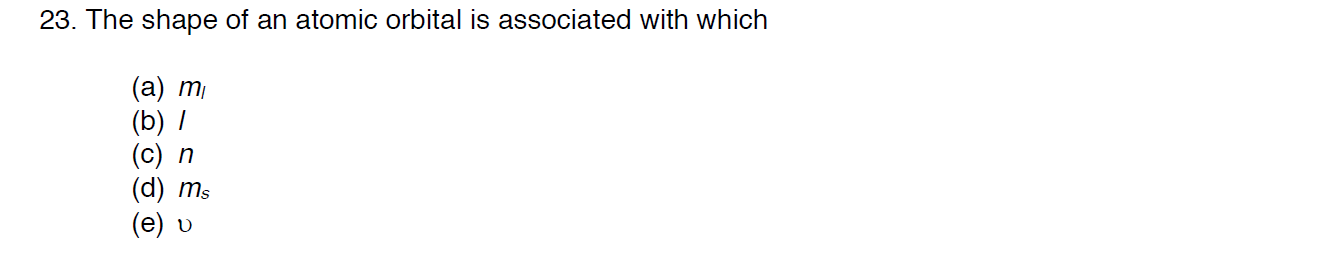


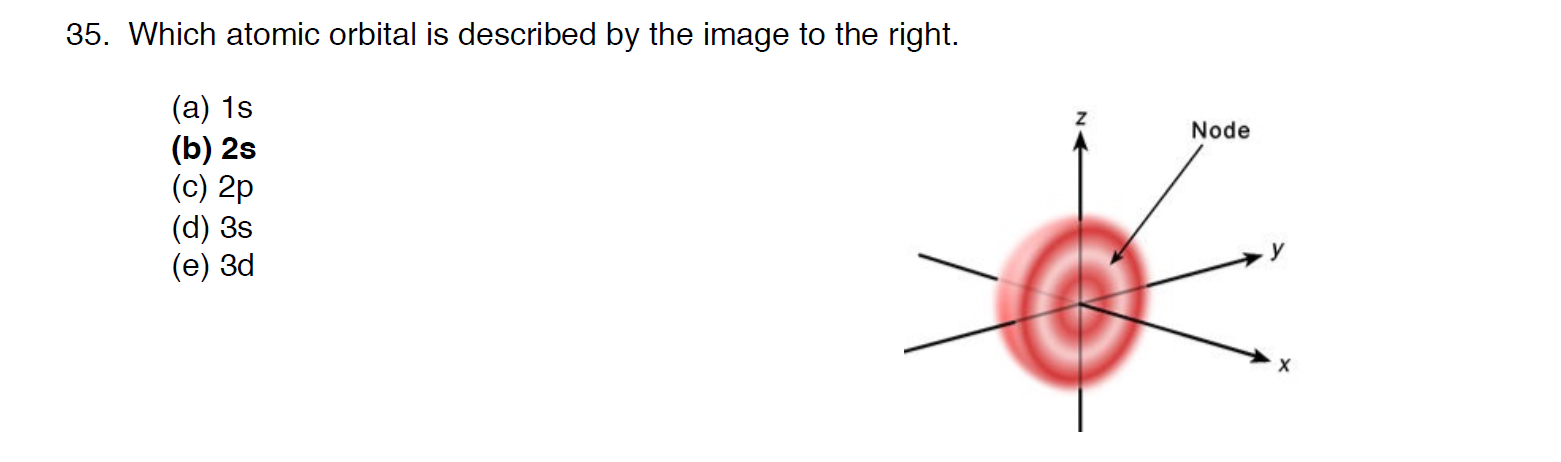
Heisenberg Uncertainty

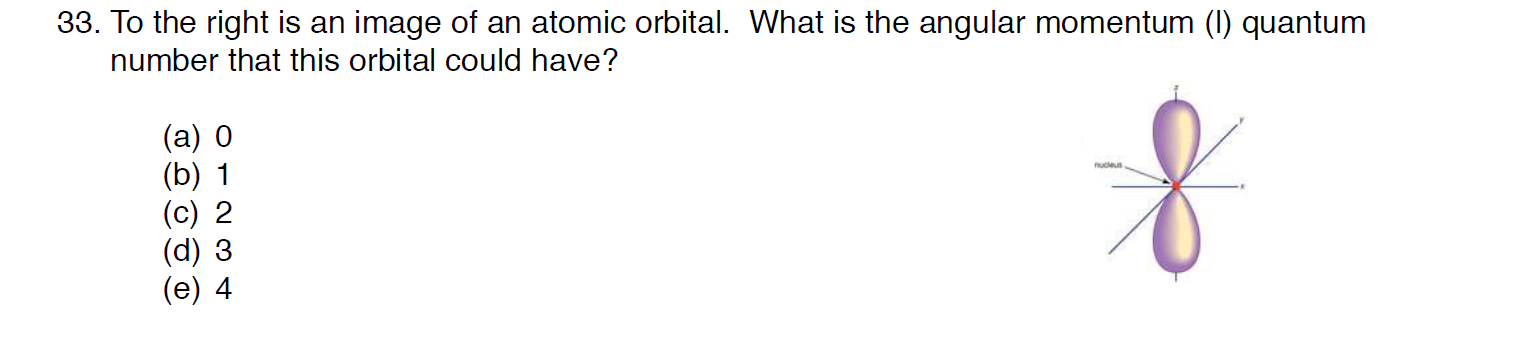


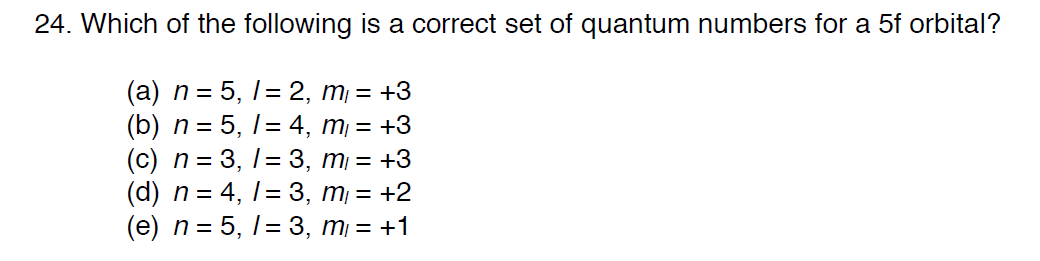


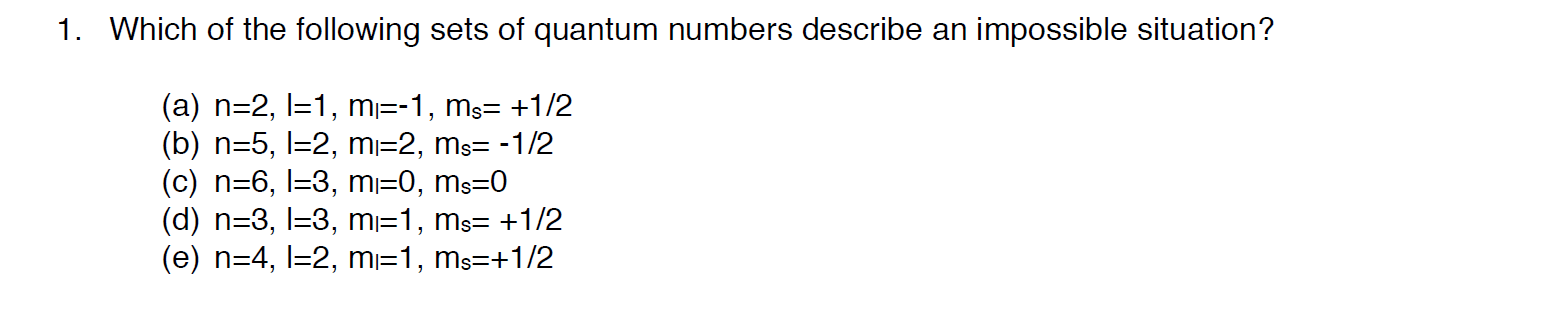
Quantum Numbers

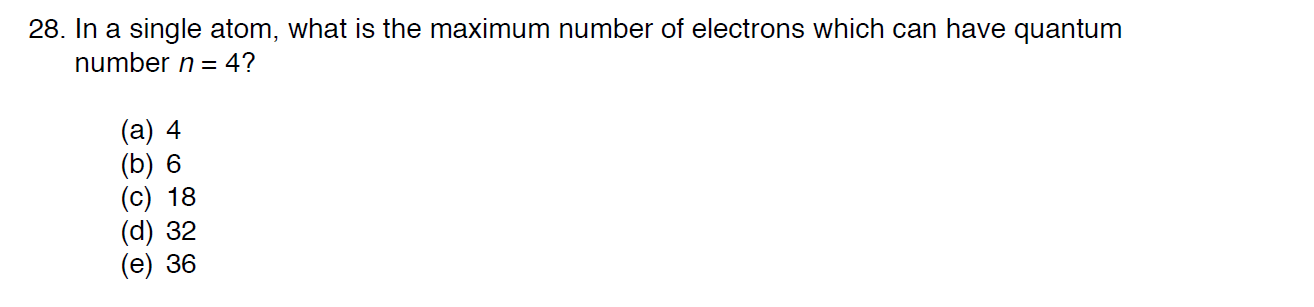




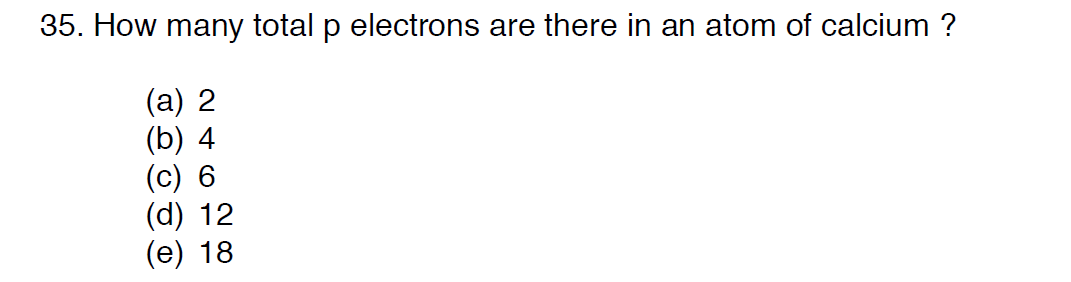


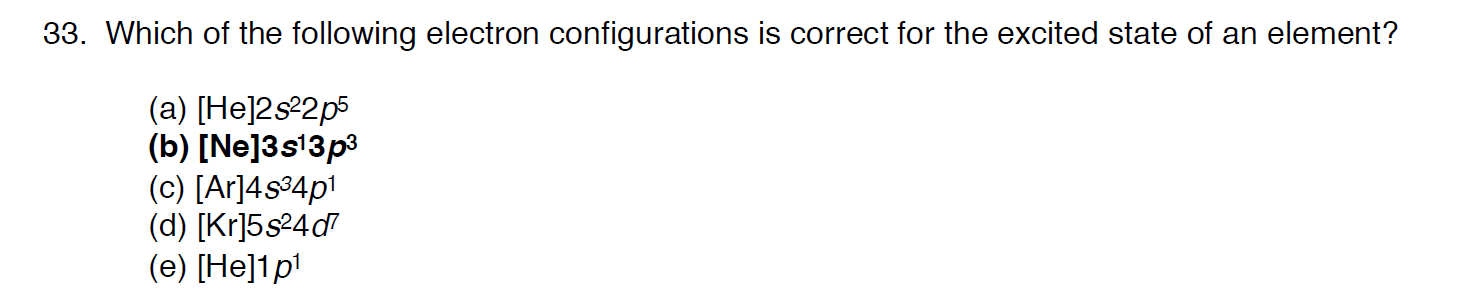


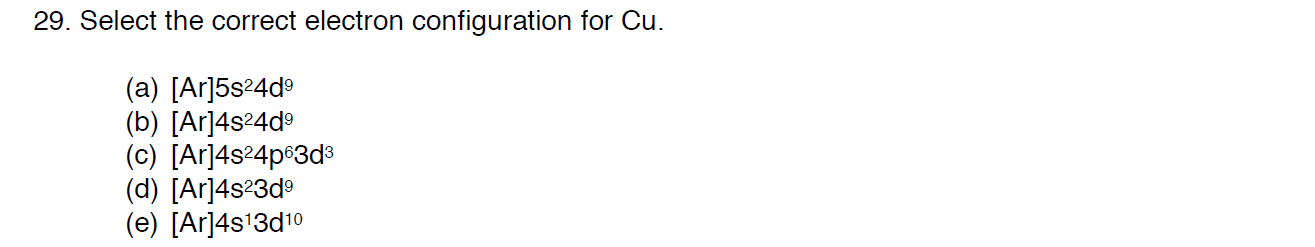


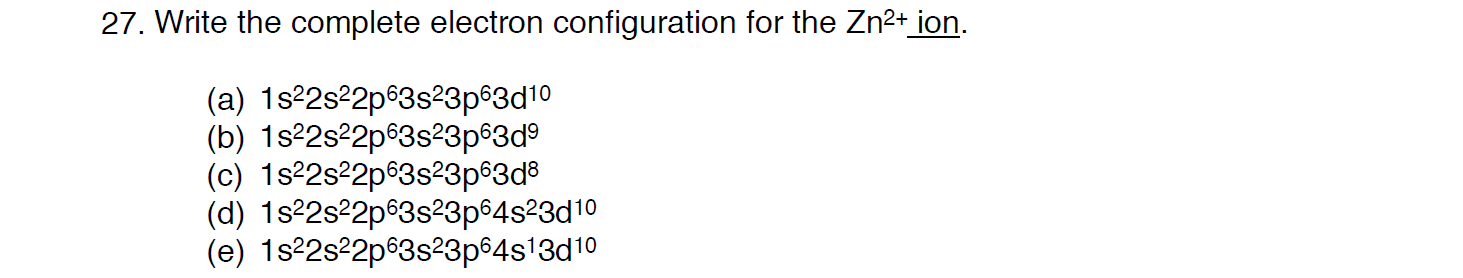


Electron Configurations

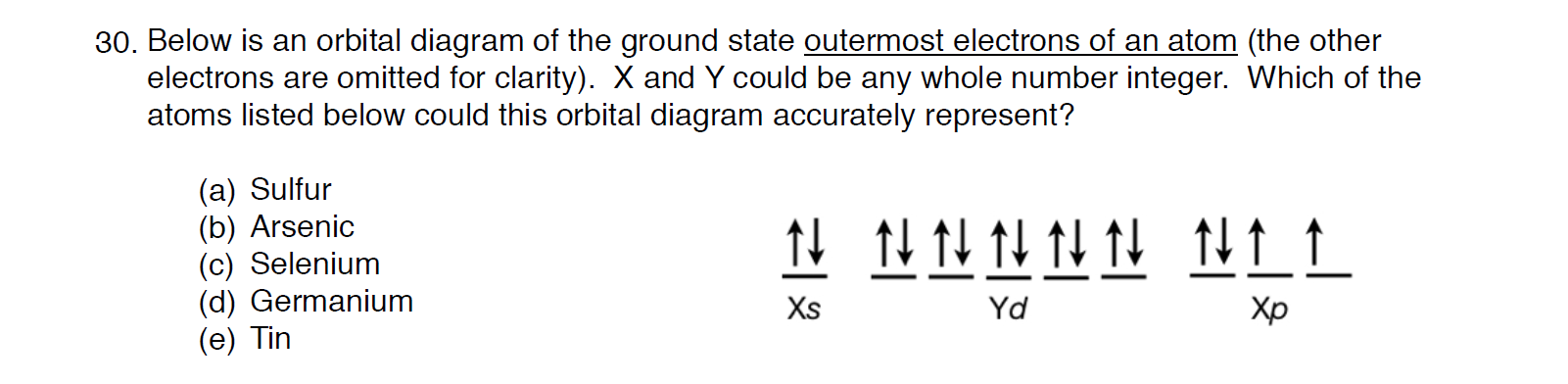


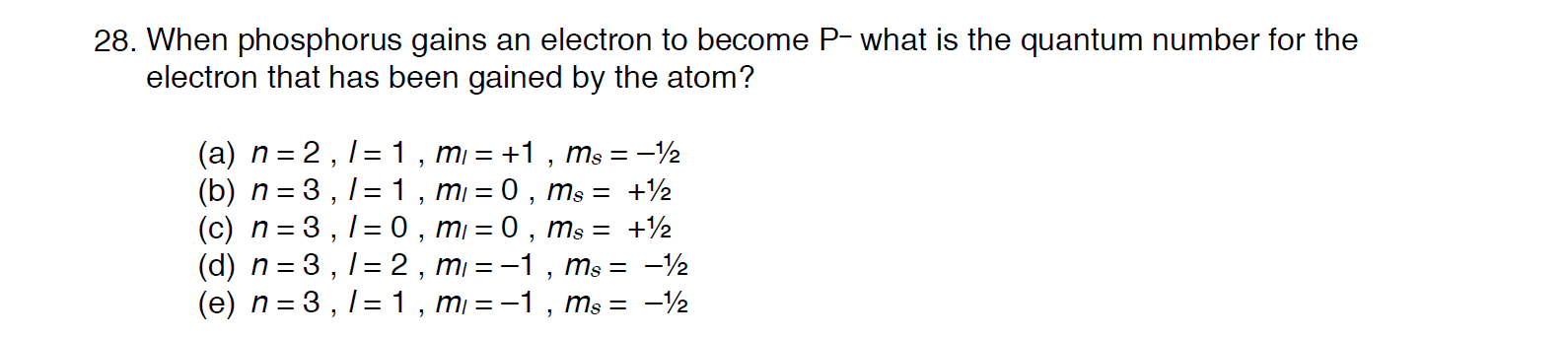




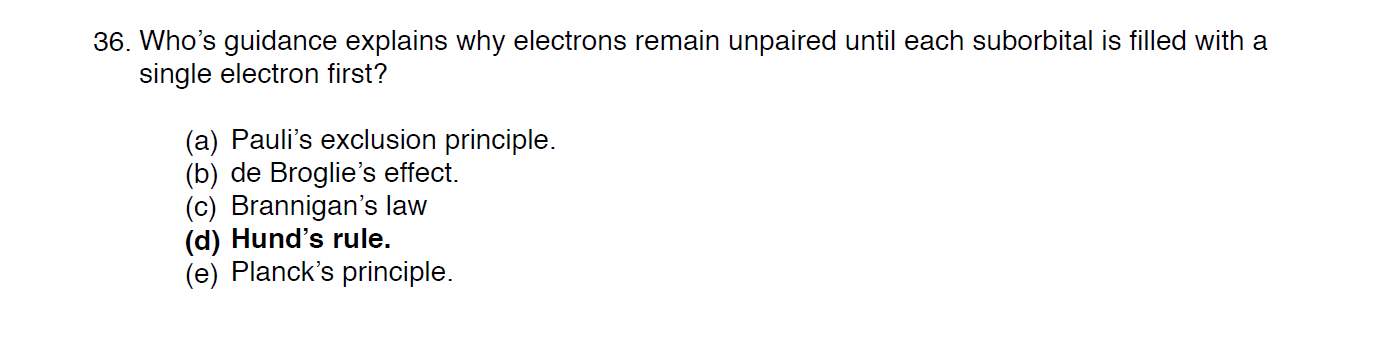


Orbital Diagrams/Pauli Exclusion/Aufbau/Hund’s Rule

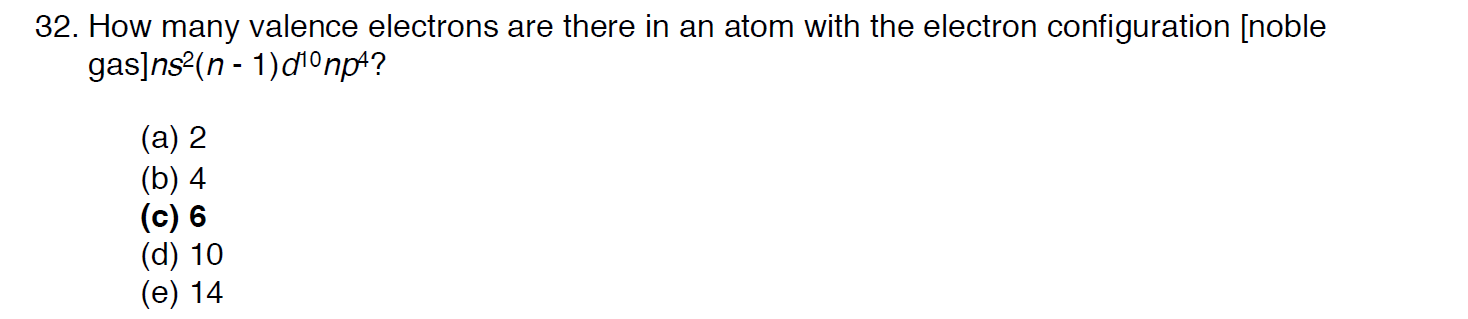




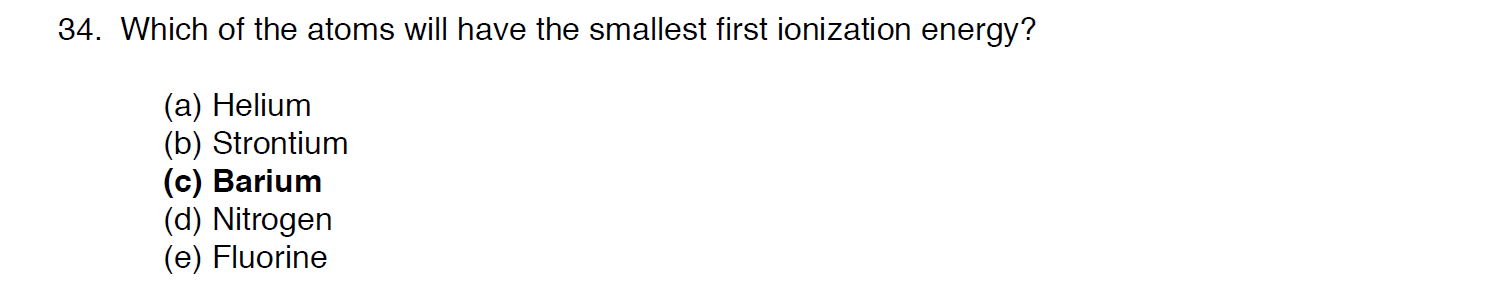


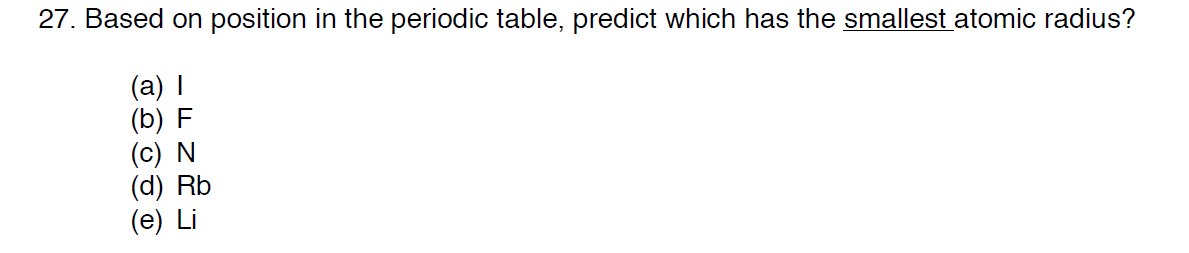


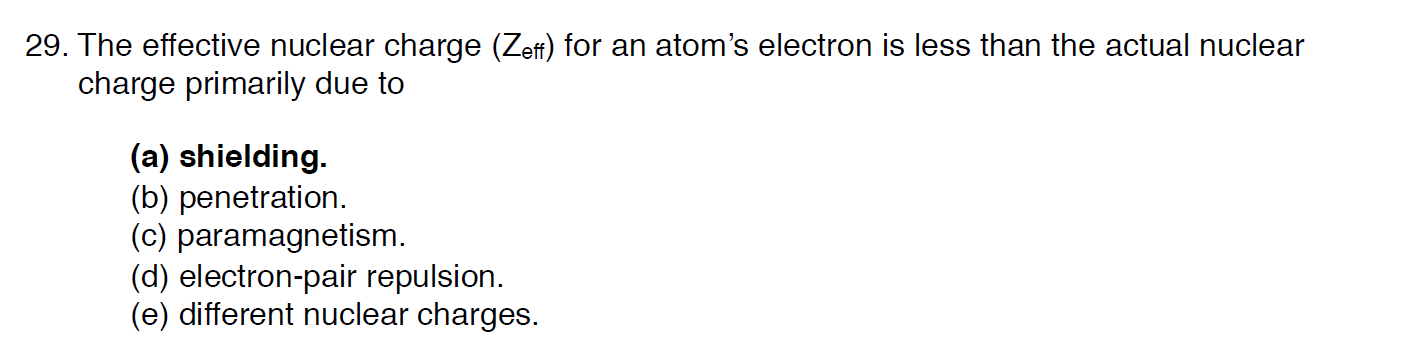
Valence Electrons

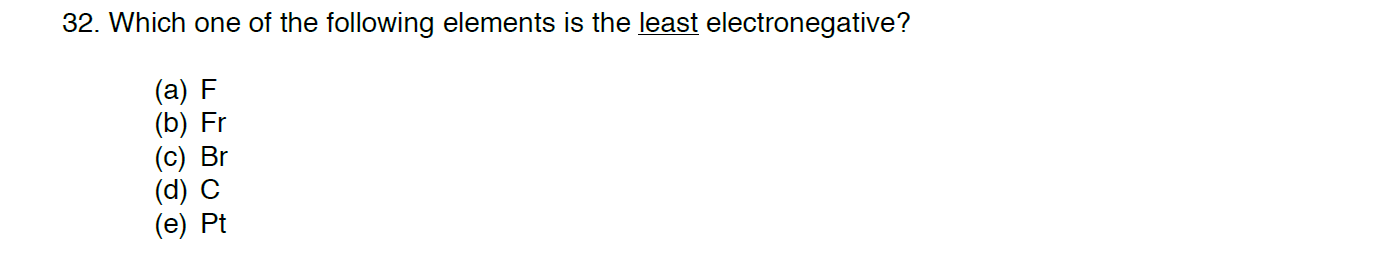


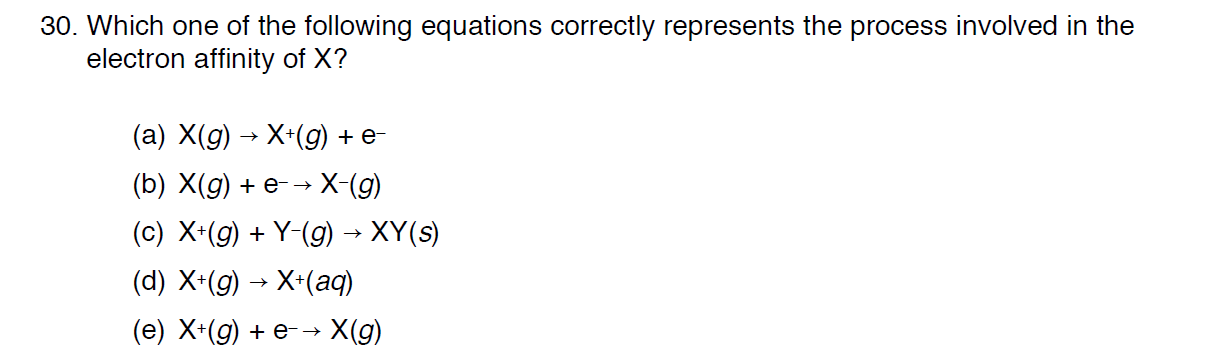
Periodic Trends (radius, IE, EA, electronegativity)





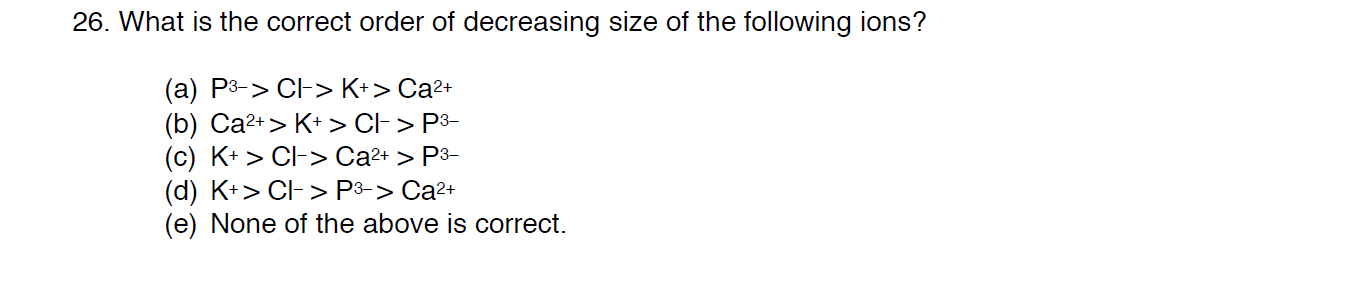




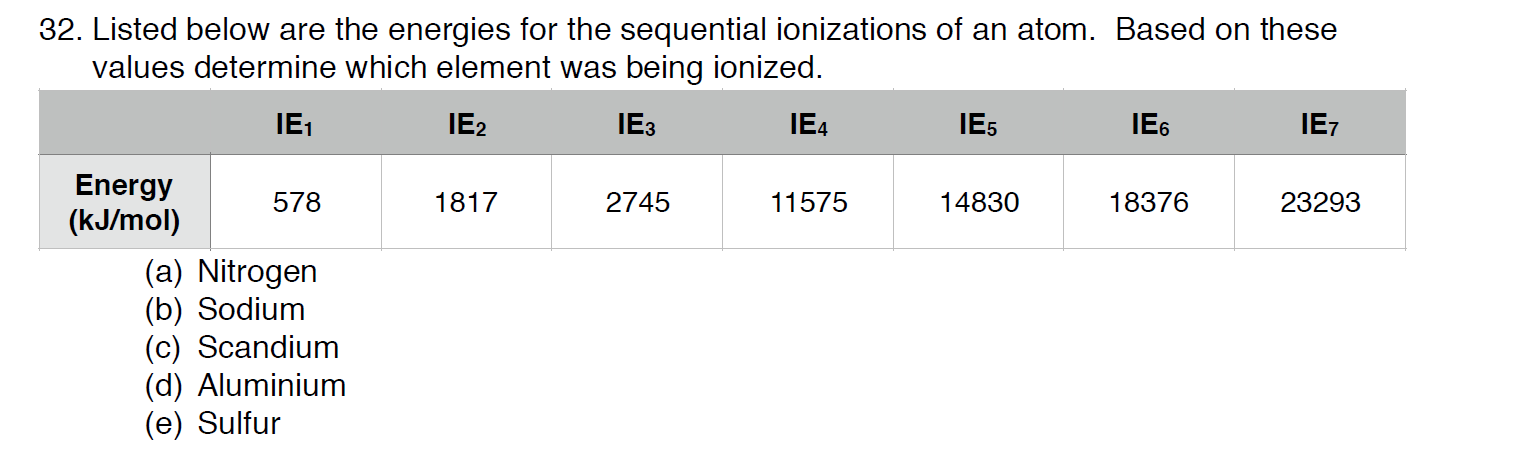


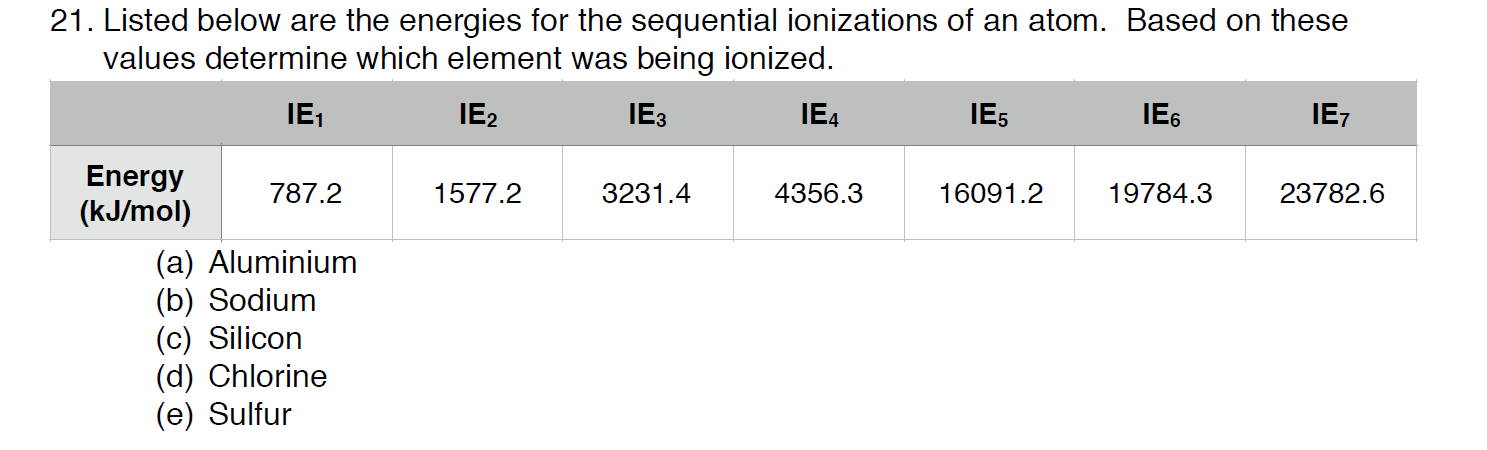
Ionic Radii

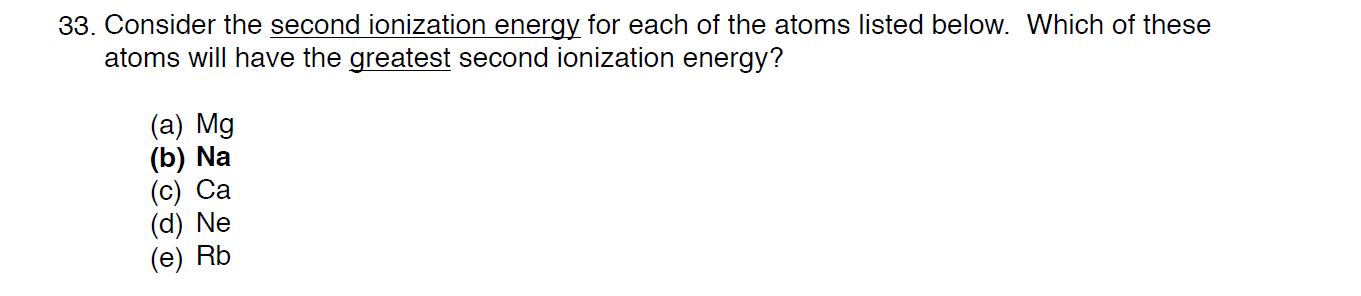
Isoelectronic



IE1/IE2/IE3 …







Challenge Problems

