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#Jenny



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#Markus Jensen



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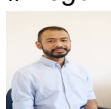
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Outline	
AP Topics by Chapter in Summary	
1. Measurement, Properties of Matter, Stoichiometry	
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c. classification of matter	
d. subatomic particles, characterizing atoms	
e. periodic table	
f. naming compounds	
2. Chemical Reactions, Solution Stoichiometry	
Chapter 4	
a. atomic masses, mole theory	
b. percent composition	
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e. stoichiometric calculations, mass, moles, density, limiting reagents, percent yield	
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b. equilibrium expressions and constants	
c. heterogeneous equilibrium	
d. reaction quotients	
e. Le Chatelier's principle	
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g. acid-base strength and Ka/Kb	
h. amphiprotic substances	
i. calculations of pH	
j. polyprotic acids	
k. acid-base properties of salts, oxides	
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d. quantum numbers	
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g. covalent, ionic, metallic bonding	
h. Lewis structures, VSEPR, molecular geometry	
i. resonance, bond order	
j. hybridization	
6. Phases of Matter	
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b. isomerism	
c. functional groups: alcohols, acids, amines, ethers, aldehydes, ketones and esters	
d. reactions and polymerization	
11. Descriptive Chemistry: Predicting Products	

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