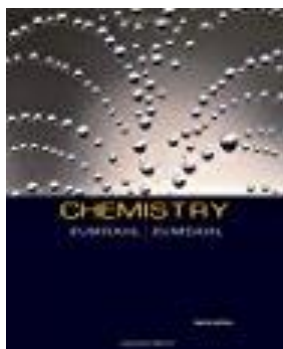


AP Chemistry

Summer Assignments

Holy Spirit Prep
Mr. Reger
Summer 2019



The following assignments from Zumdahl's *Chemistry* (8th edition) are to be completed over the summer. **All work must be shown with correct units and significant figures, and all work must be done by yourself.** The assignments will be collected on the first day of class: **Wednesday, Aug. 21, 2019**. There will be a test over this material within the first week or two of school. You will have a chance to ask questions, but this material will not be covered systematically in class. It should be review for you. Read the chapters! If you have any questions, you can email me at mreger@holyspiritprep.org.

You must memorize the polyatomic ions in Table 2.5 on p.62.

#	Chapter	Topic	Reading Assignment	Written Assignment
S1	1.1-1.9	Sig figs; Conversion; Density	p.1-29	p.32 # 16,19,28,32-36,39,44,60,62, 66,73,74,82,86,94,105
S2	2.1-2.4	Fundamentals; Atoms	p.40-50	p.69 # 4,28
S3	2.5-2.7	Isotopes; Molecules; Ions	p.50-57	p.71 # 54,56,58,60,62
S4	2.8	Nomenclature	p.57-67	p.72 # 64,66,68,72,74,80
S5		Review		p.73 # 78, 88, 90, 92
S6	3.1-3.6	Mole; % Composition	p.77-90	p.120 # 38,39,44,48, 50, 52,54,56,62,70
S7	3.7-3.10	Emp/Molecular Formula; Stoich	p.90-107	p.122 # 76,77,80, 82, 90, 96
S8	3.10-3.11	Stoichiometry; Limiting Reactant	p.107-115	p.123 # 99, 101, 102, 106, 114, 115,116
S9		Review		p.120 # 37,68,84,126,127,133,135,136,139,168