

NAME: _____

Unit IV: Learning Log for Chemical Nomenclature

Learning Goals	Workbook Reference	Suggested Practice	Completed Practice	Evidence
IV.A: Predicting formulae <ul style="list-style-type: none"> • write chemical symbols for elements using periodic table • write formulae for ions (monoatomic and polyatomic) from appropriate charts 	IV.1 p.65-67 IV.2 p.67-69	p. 66 Self-test p. 69 #2, 3		QUIZ #1 QUIZ #2 UNIT TEST
IV.B: Counting atoms & ions <ul style="list-style-type: none"> • interpret chemical formulas of elements, compounds and ions in terms of the number of atoms of each element. 	Class notes	Worksheet		
IV.C: Ionic compound nomenclature (Binary ionic, ternary ionic (include polyatomic ions), & multivalent metals) <ul style="list-style-type: none"> • write the formula given a name • name the ionic compound from a formula 	IV.2 p.70-72	p. 70 #4 p.72 #5 p. 75 #14-163 (all types of compounds combined)		
IV.D: Hydrated compounds nomenclature <ul style="list-style-type: none"> • name the hydrated compound from a formula • write the formula of a hydrate given a name 	IV.2 p.72-73	p. 73 #6, 7 p. 75 #14-163 (all types of compounds combined)		QUIZ #2 UNIT TEST

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<p>IV.E: Covalent compound nomenclature</p> <ul style="list-style-type: none"> • name the covalent compound from a formula using the prefix naming system • write the formula given a name • predict the formulae of covalent compounds given the formula of another compound containing elements in the same family (families) 	IV.2 p.73-74	<p>p. 74 #8, 9</p> <p>p. 75 #14-163 (all types of compounds combined)</p>		<p>QUIZ #3</p> <p>UNIT TEST</p>
<p>IV.F: Acids and bases</p> <ul style="list-style-type: none"> • write the names for some common acids and bases • write the formulae for some common acids and bases 	IV.2 p. 74	<p>Worksheet</p> <p>Lab – 16E</p> <p>p. 75 #14-163 (all types of compounds combined)</p>		<p>QUIZ #4</p> <p>UNIT TEST</p>