Q: What is the name of the assessment for which I am studying?

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| **Unit 9: Formulas and Equations** |

Q: When is the assessment?

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| **On Google Classroom** |

Q: What concepts should I study?

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| * Be able to name ionic compounds (know when to use Roman numerals and Table E)
* Be able to name covalent compounds (memorize prefixes)
* Be able to write formulas for ionic compounds (find oxidation states/charges and use the criss-cross method for writing compounds)
* Be able to write formulas for covalent compounds (use prefixes to get subscripts)
* Be able to write formulas and names for acids
* Be able to balance a chemical reactions/word equations by adding coefficients
* Identify and differentiate between the 4 different types of reactions: synthesis, decomposition, single replacement, and double replacement.
* Be able to use Table J to predict the products of a single replacement reaction
* Be able to use Table F to predict the products of a double replacement reaction and to determine solubility in a solution
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Q: What examples can I use to study?

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| Unit 9 – Formulas & Equations Note PacketPractice Worksheets (Classwork/Homework) – CHECK GOOGLE CLASSROOM!Orange Review Book – Topic 2 (ignore empirical formula Q’s) and pg. 52-53 ignoring the word “mole” in the questions Create your own Castle Learning – Under “Compounds, Reactions and Moles” tab, check off “Compounds”, “Math and Chemical Equations” and “Types of Chemical Reactions”Chemistry Reference Tables – Tables E, F, J |