Module 6
MOLES -Stoichiometry
Aktiv Chemistry and Textbook

Complete study materials for module 6. Then complete the assignment below. The left-hand column provides the objectives on which you will be tested on the exam. The last column lists the Aktiv Chemistry problems related to those objectives. You will find the Aktiv Chemistry problems at: https://aktiv.com/chemistry/. If you are struggling to do the Aktiv Chemistry practice problems, read the sections recommended in your textbook in the middle column. You will find the textbook in the content tab in your D2L site.

Objectives **Be able to:**	**Supporting sections in textbook**	**Aktiv Chemistry (Old name: Chem 101) practice problems.**
Find the molar mass of a substance (using the chemical formula and the Periodic Table) and convert between moles and grams.	5.6	Module 6 – Molar Mass and Formula Weight (10 problems)
Convert between moles and atoms or molecules using Avogadro's number.	6.1	Module 6 – Conversions with Avogadro's Number (10 problems)
Determine empirical formula from data.	6.3	Module 6 – Empirical Formula (5 problems)
Convert between grams or moles of one substance involved in a reaction and grams or moles of another substance involved in the same reaction (using the balanced chemical equation and molar masses).	8.1, 8.2, 8.3	Module 6 – Stoichiometry Calculations (10 problems)