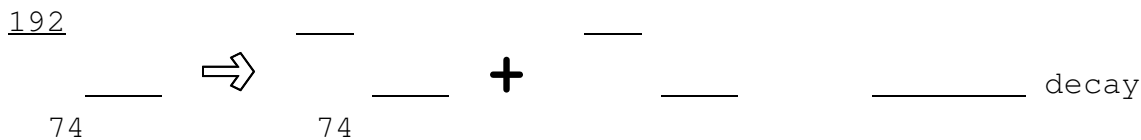
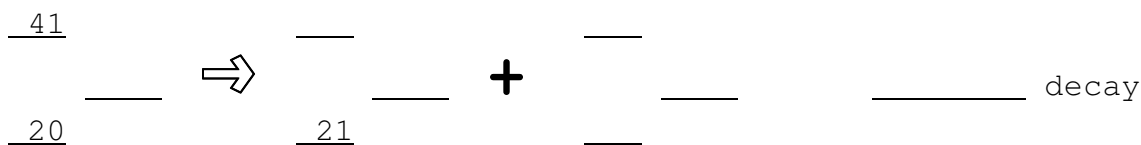
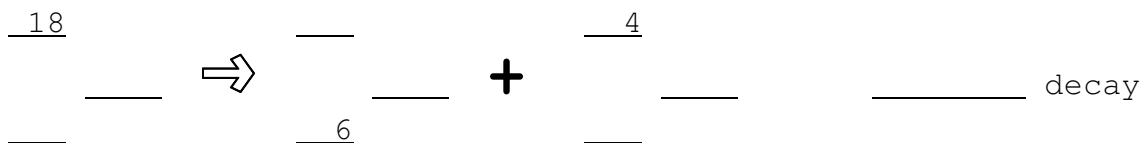


Test Review for SCH 3U Test - Subatomic Particles, Models of the Atom, Percent Composition Calculations

1. Be familiar with the properties of protons, neutrons and electrons - fill in this table for practice. Multiple choice questions will test your understanding of this table.

name	symbol	charge	mass	location
proton				
neutron				
electron				

2. Be able to complete nuclear equations for alpha beta and gamma decay **AS WELL AS NUCLEAR FISSION** (example not shown here) - see text book question from pages 142 to 148. Also see worksheet and quiz on this topic.



3. Be familiar with the principles and concepts that were uncovered through Rutherford's gold foil scattering experiment. (Observations and related conclusions)
4. Be prepared to answer calculations on empirical formula, molecular formula and percent composition as provided on the worksheet and practice quizzes

5. Using this table, place each name that represents a scientist or group of scientists in chronological order (this means in order of oldest to most recent). Then in the second column, indicate the main points or discovery that goes with each model. Point form is preferred. Include in your answer (in the correct location) the name of two fundamental laws and the main points in Dalton's Model.

Alchemists, Bohr, Dalton, Democritus, Empedocles, Rutherford, Thomson

Name	Main Points or Discovery