

EXERCISE 5

Chem 100

Due in lab _____

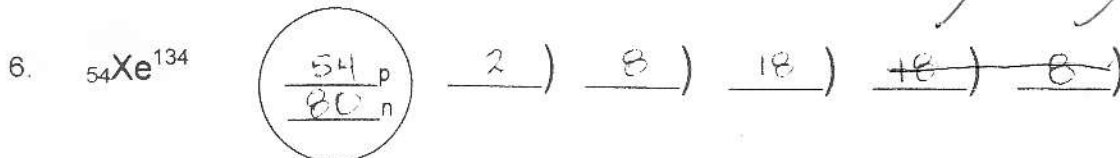
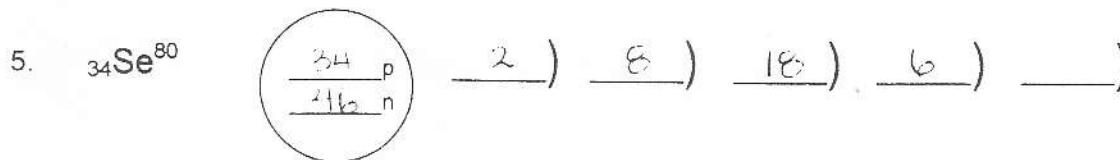
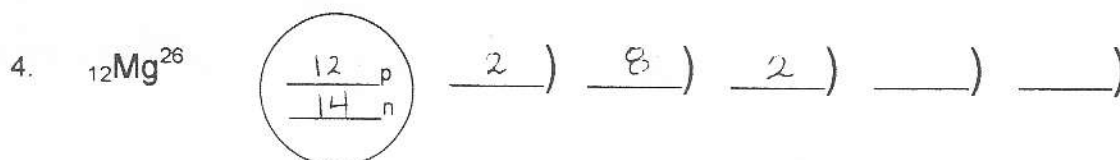
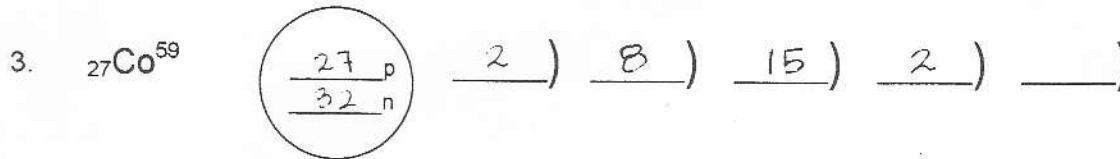
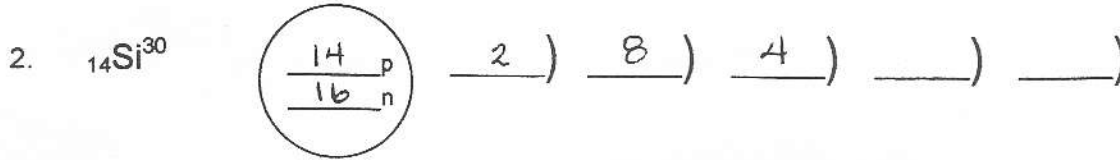
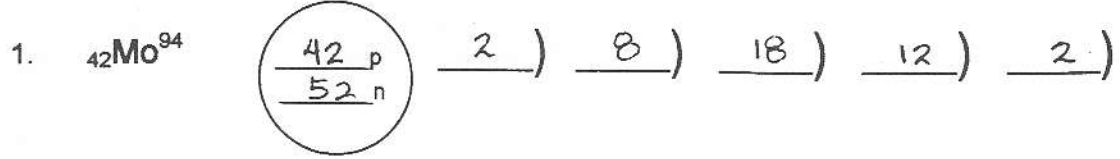
10 points

Name KEY
(last) (first)

Lab Section # _____ Lab Instructor _____

A. **Electronic Configuration.** Diagram the following atoms, showing the number and location of protons and neutrons, and showing electrons in proper shells. (Note: you may not need to use all the shells drawn.) Please note: on this exercise the nuclear symbol is written a little bit differently. This is another correct alternative for writing the nuclear symbol:

${}_Z E^A$ E = element symbol
 A = mass number
 Z = atomic number



(over)