

* III-3 ____C ____NC

Chemistry 151
Worksheet 5

Name: _____

A. Give the symbol of an element which fits each of the following descriptions. More than one acceptable answer may be possible.

- _____ *1. A metalloid in the same group as C.
- _____ 2. The alkali in the same period as Se.
- _____ 3. The post transition metal in the same group as P.
- _____ 4. The noble gas in the same period as the transition metal Pt.
- _____ 5. The smaller of the two atoms I and Cl.
- _____ 6. The nonmetal in the same family as Te with the largest ionization energy.
- _____ 7. The nonmetal in the same row as K with the smaller electronegativity.
- _____ 8. The representative metal in the same period as S with the larger radius.
- _____ 9. Of Se and Se^{2-} , the one having the larger radius.
- _____ 10. The element having the outermost subshell electron configuration $4p^1$.