DRAWING ELECTRON DOT ION DIAGRAMS

1. Write the chemical symbol.
2. Find the nearest noble gas.
3. Decide if the atom will lose or gain electrons to look like the nearest noble gas.
4. If the atom will lose electrons:

* The atom will not have any electrons in the outer orbit

1. If the atom will gain electrons:

* Draw the valence electrons of the atom (use the group number); add additional electrons as “x”, until the atom looks like the nearest noble gas

1. Place the diagram in [ ] and put the overall charge beside it.