

Name _____

Period _____

Independent Study Unit Vocabulary Assignment

The following terms are all relevant to this study unit. Knowing them will help you in determining the structures for your compounds. Every time you define a word think of it in terms of this unit specifically. Diagrams may help!

First a few words to review. Do you remember these?

1) Ion

2) Ionic bond

3) Covalent bond

4) Coordinate covalent bond (dative bond)

5) Lewis base

Now some new terms about the structure of molecules

6) Complex ion

7) Ligand

8) Coordination compound

9) Counter ion

10) Coordination sphere

11) Chelate

Now some application of what we have been studying

12) Molecular geometry

13) Isomer

14) Structural isomer

15) Geometric isomer

16) Stereo isomer

17) cis

18) trans

Finally where did our ideas come from

19) Sophs Mads Joergensen

20) Alfred Werner

21) Chain theory