

Name: _____ Date: _____

Warm up 94

Chemistry

DESCRIBE the following:

valence electron -

formula unit

metallic bond -

molecule -

TELL what type of ion would these atoms become and then write the ion formula.

_____ Cl _____ Be _____ Al

PREDICT the type of bond predominates in each of the following:

_____ AsCl₃ _____ LiBr _____ CuNi _____ SO₂ _____ XeF₆

PREDICT the formula of a compound composed of aluminum and chlorine. _____

Name: _____ Date: _____

Warm up 95

Chemistry

DESCRIBE the following:

chemical bond -

ionic bond -

covalent bond -

metallic bond -

PREDICT the number of possible bonds for each of the following:

_____ K _____ P _____ Ba _____ Si

DRAW the electron dot formulas for the following:

a. chlorine atom b. chlorine molecule c. CCl₄

DRAW the Lewis structures for the following:

CH₄ SeCl₂ NH₃ O₂