

Name _____

Period _____

Covalent and Ionic Bonding Worksheet I

I. Predict bond types for each of the following, place names on 2nd line:

A. BCl_3 _____

G. CaS _____

B. MgI_2 _____

H. KBr _____

C. SiF_4 _____

I. AgCl _____

D. NaCl _____

J. ZnO _____

E. H_2S _____

K. Fe_2O_3 _____

F. PH_3 _____

L. CuBr _____

II. Draw Lewis Dot structures for each of the following, circle any lone pairs on the central atom:

A. CS_2

G. SiF_4

B. PH_3

H. CO_2

C. PCl_5

I. CO

D. CCl_4

J. SO_3

E. BCl_3

K. CH_4

F. Cl_4

L. H_2O