

Name: _____ Date: _____

Warm up 92

Chemistry

WRITE the orbital notation for the following ions.

Li⁺ _____

Ca²⁺ _____

F⁻ _____

Al³⁺ _____

WRITE the symbol for the **ion** formed from the following atoms: Na, H, S, Ba

If Al and Br combine would the bond be ionic? Draw the Lewis dot symbols for the atoms. Write the formula for the new compound.

Name: _____ Date: _____

Warm up 93

Chemistry

DESCRIBE the following:

chemical bond –

ionic bond -

covalent bond -

LIST three characteristics for:

ionic compounds

covalent compounds

- | | |
|----|----|
| 1. | 1. |
| 2. | 2. |
| 3. | 3. |

BOX the predominately covalent and **CIRCLE** the predominately ionic.

LiCl

CO₂

NH₃

CaF₂

Mg₃P₂

CH₄

FeCl₃