

Name: _____
Blk: _____ Date: _____

Science 9
Names and Formulas of Ionic Compounds

Steps for naming ionic compounds with two elements:

Steps	Example: CaF ₂
4. Name the _____	_____ → _____
5. Name the _____ and change the ending to _____	_____ → _____ → _____
6. Put it all together	_____

Example 2: Na₂S

- 1.
- 2.
- 3.

Example 3: LiBr

- 1.
- 2.
- 3.

Now do the Practice Problems page 86 #1 a -o

Steps for writing formulas of _____
 _____:

Steps	Example 1: Zinc nitride
5. Identify each _____ (be sure to write down the _____) Always metal first non-metal second	_____ _____
6. Determine the total charges needed to _____ the positive and negative ions	_____ : _____ = _____ _____ : _____ = _____
7. Note the _____ of positive ions to negative ions	_____ for every _____
8. Use the ratio as _____ (note a <u>1</u> is not written)	_____

Example 2: Lithium phosphide

- 1.
- 2.

- 3.
- 4.

Example 3: Aluminium Bromide

- 1.
- 2.

- 3.
- 4.

Now do Practice Problems pg 87 # 2 a-n