

Equation Review

Aluminum nitrate + lithium carbonate --> aluminum carbonate + lithium nitrate

1. For the above equation please write all of the symbols below. **SYMBOLS ONLY**

2. Write all of the symbols **AGAIN** below. This time add the charges.

3. Write all of the symbols **WITH CHARGES** below. **THIS** time use the charges to determine the subscripts.

4. Write all the correct formulas below. **THEN** use coefficients to balance the equations.

COEFFICIENTS CAN **ONLY** be placed in **FRONT** of formulas. NOT in the middle.
NOT behind or below.

Balancing Equations V4!!-Balance the following and **indicate the reaction type in the blank.**

_____1. fluorine + aluminum chloride yields aluminum fluoride + chlorine

_____2. copper(II) chlorate yields copper(II) chloride + oxygen

_____3. Lead(II) nitrate + aluminum chloride yields Lead (II) chloride + aluminum nitrate.

_____4. Gallium sulfate + sodium hydroxide yields sodium sulfate + gallium hydroxide

_____5. Bismuth + chlorine yields bismuth(III) chloride

_____6. Aluminum + iodine yields aluminum iodide

THESE OCCUR IN PAIRS WHEN ALONE:

H, N, O, Cl, Br, F, I, At