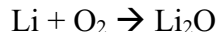
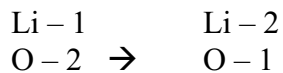


Balancing Chemical Equations

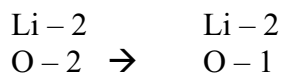
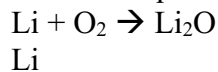
Example: Balance the following equation. Identify the type of reaction that it is.



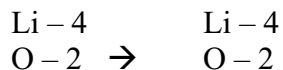
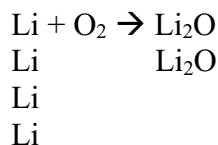
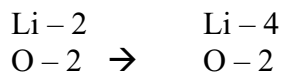
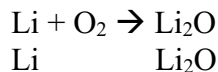
1. Count the number of each element on each side of the reaction.



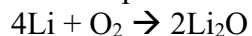
2. Add one of the compounds or elements to make sure the same number of atoms are on both sides of the equation.



3. Continue until the elements from reactants equals the elements from products.



4. Count up the total number of each compound or element and place that number in front of the compound or element. Never write 1.



5. Type of reaction: Synthesis (start with more than 1, end up with 1)

Problems – Balance the following.

