**Classifying Reaction Comic**

1. **Synthesis (Combination) Reactions**

 **A+B=AB**

 **Unbalance: P4+ O2= P2 O3**

 **Balance: P4+ 3 O2= 2P2 O3**

 +=

**B. Decomposition Reaction**

 **AB= A+B**

 **Unbalance: NO2= O2+ N2**

 **Balance: 2 NO2= 2 O2+ N2**

=  + 

1. **Single Replacement**

 **A+BC= B+AC**

**Unbalance: Pb + H3 PO4= H2+ Pb3(PO4)2**

**Balance: 6 Pb + 4 H3 PO4= 6 H2+ 2Pb3(PO4)2**

+= +

1. **Double Replacement Reaction**

 **AB+CD= AD+ CB**

**Unbalance: Mg Cl2 + Li2 CO3 = Mg CO3+ Li Cl**

**Balance: Mg Cl2+ Li2 CO3= Mg CO3+ 2Li Cl**

  +=+