Classifying Reactions Comic

1. Synthesis: (A + B -> AB)

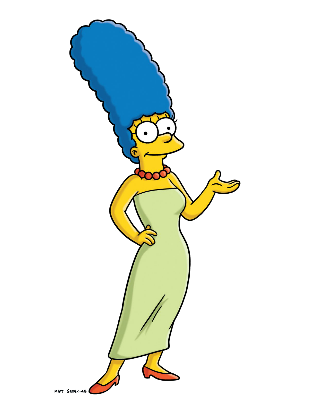
  

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4P + 8O2 -> 2P2O8

1. Decomposition: (AB -> A + B)

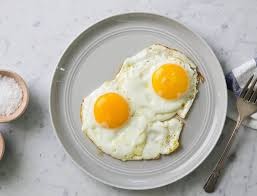
 

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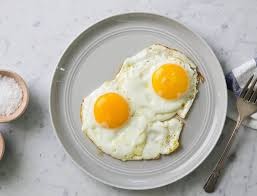
2NO2 -> 2O2 + N2

1. Single Replacement (AB + C -> AC + B)

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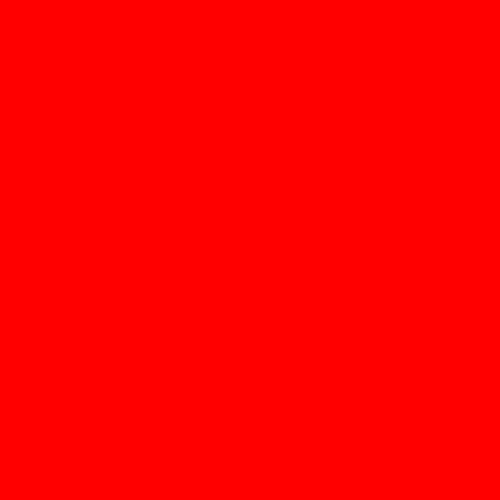
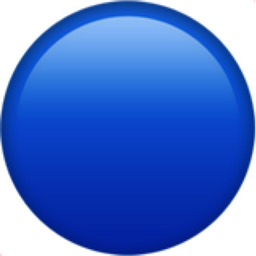
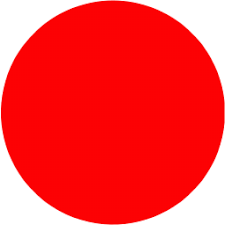
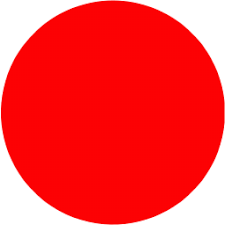
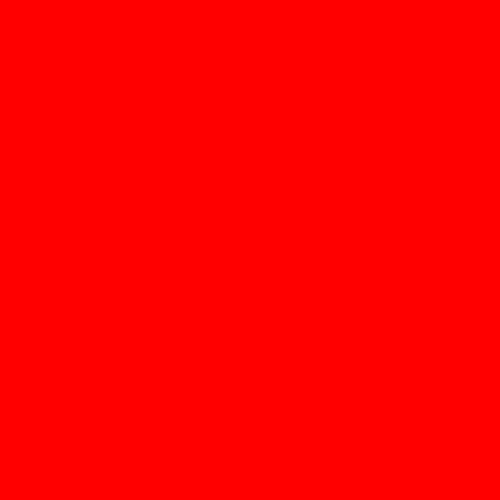
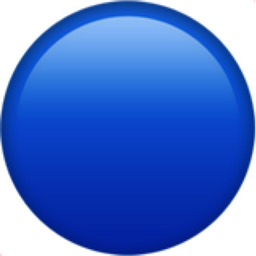
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C6H12 + 12O2 -> 3C2 + 12HO2

1. Double Replacement (AB + CD -> AD + BC)



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2MgCl2 + 2Li2CO3 -> 2MgCO3 + 4LiCl