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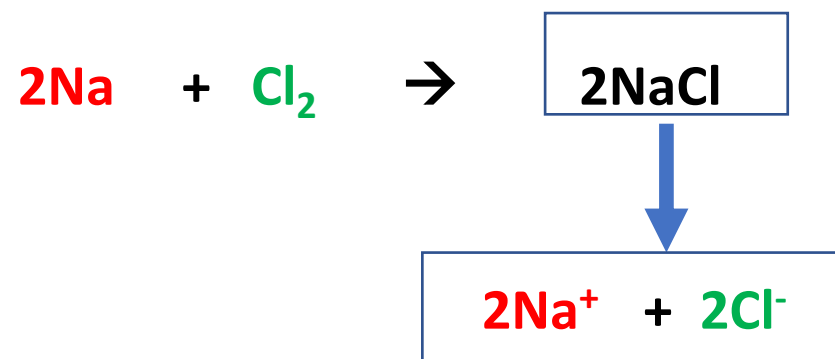
Key Concepts  
Essential for  
A Level  
Chemistry

## Part 5 - Half Equations

This resource may be downloaded for free at  
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GCSE to A level Resources

# What are half equations?

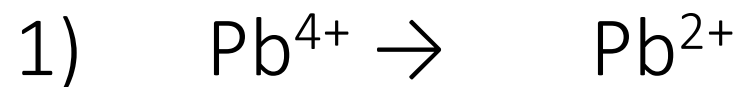
Sodium + Chlorine  $\rightarrow$  Sodium Chloride



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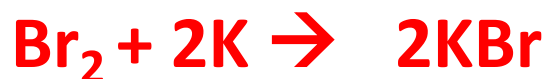
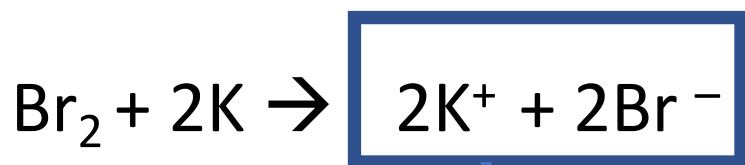
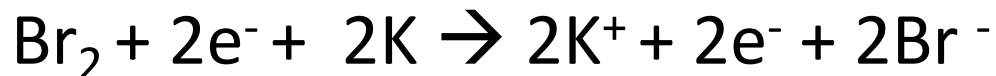
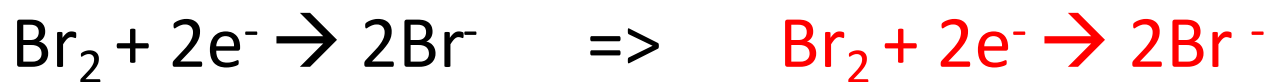
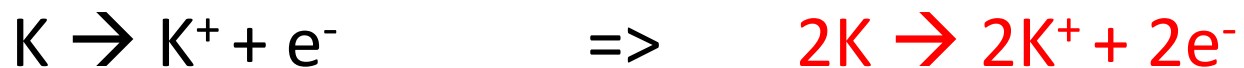
# Examples



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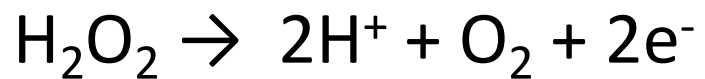
# Combining Half Equations



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# Examples



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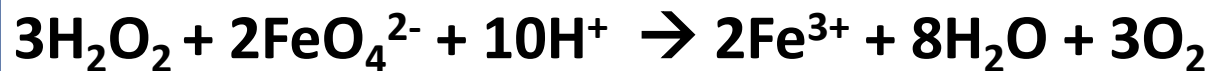
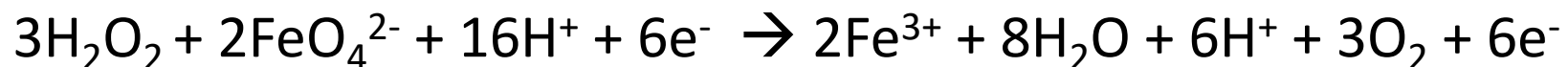
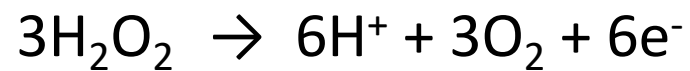
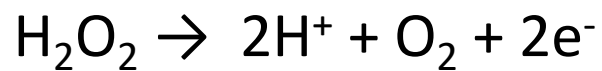
# Reaction of $\text{Ce}^{3+}$ by $\text{H}^+/\text{MnO}_4^-$



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# Reaction of $\text{H}_2\text{O}_2$ with $\text{H}^+/\text{FeO}_4^{2-}$



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