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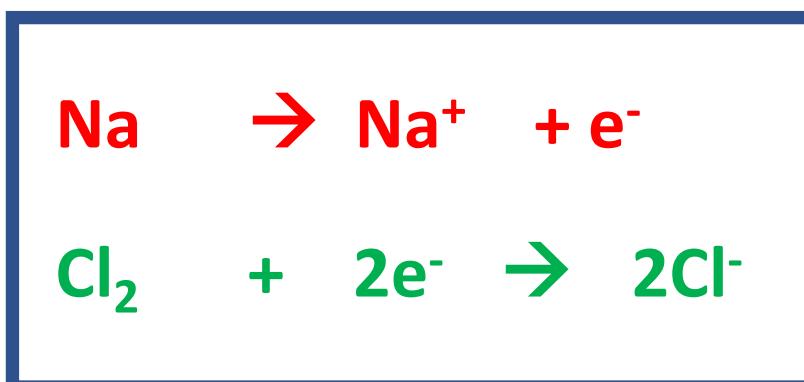
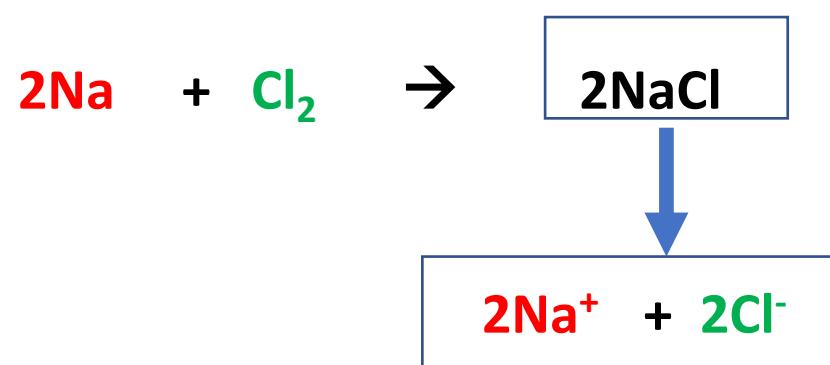
Key Concepts
Essential for
A Level
Chemistry

Part 5 - Half Equations

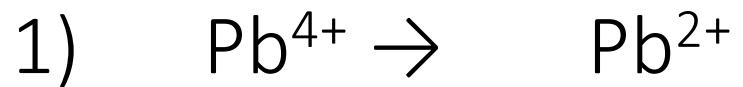
This resource may be downloaded for free at
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GCSE to A level Resources

What are half equations?

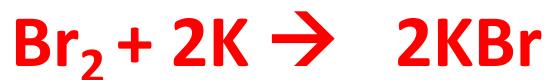
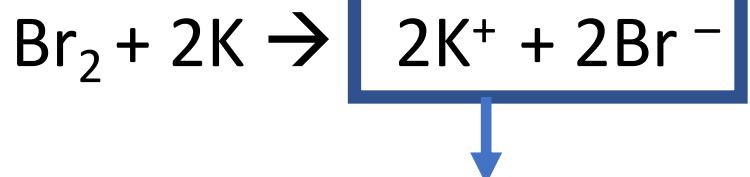
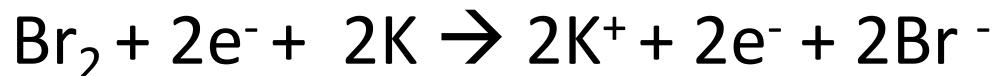
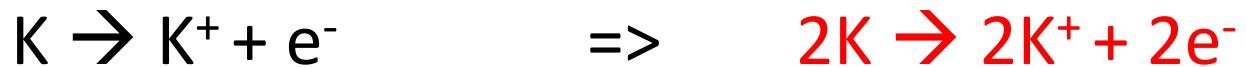
Sodium + Chlorine → Sodium Chloride



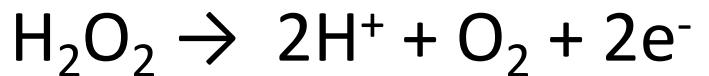
Examples



Combining Half Equations



Examples



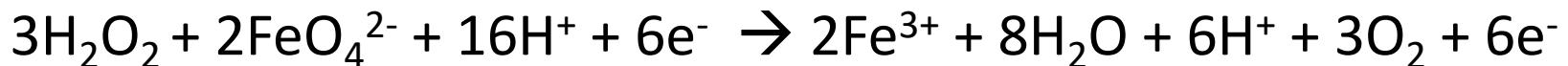
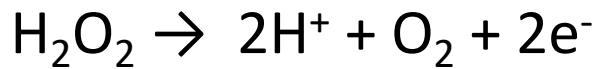
Reaction of Ce³⁺ by H⁺/MnO₄⁻



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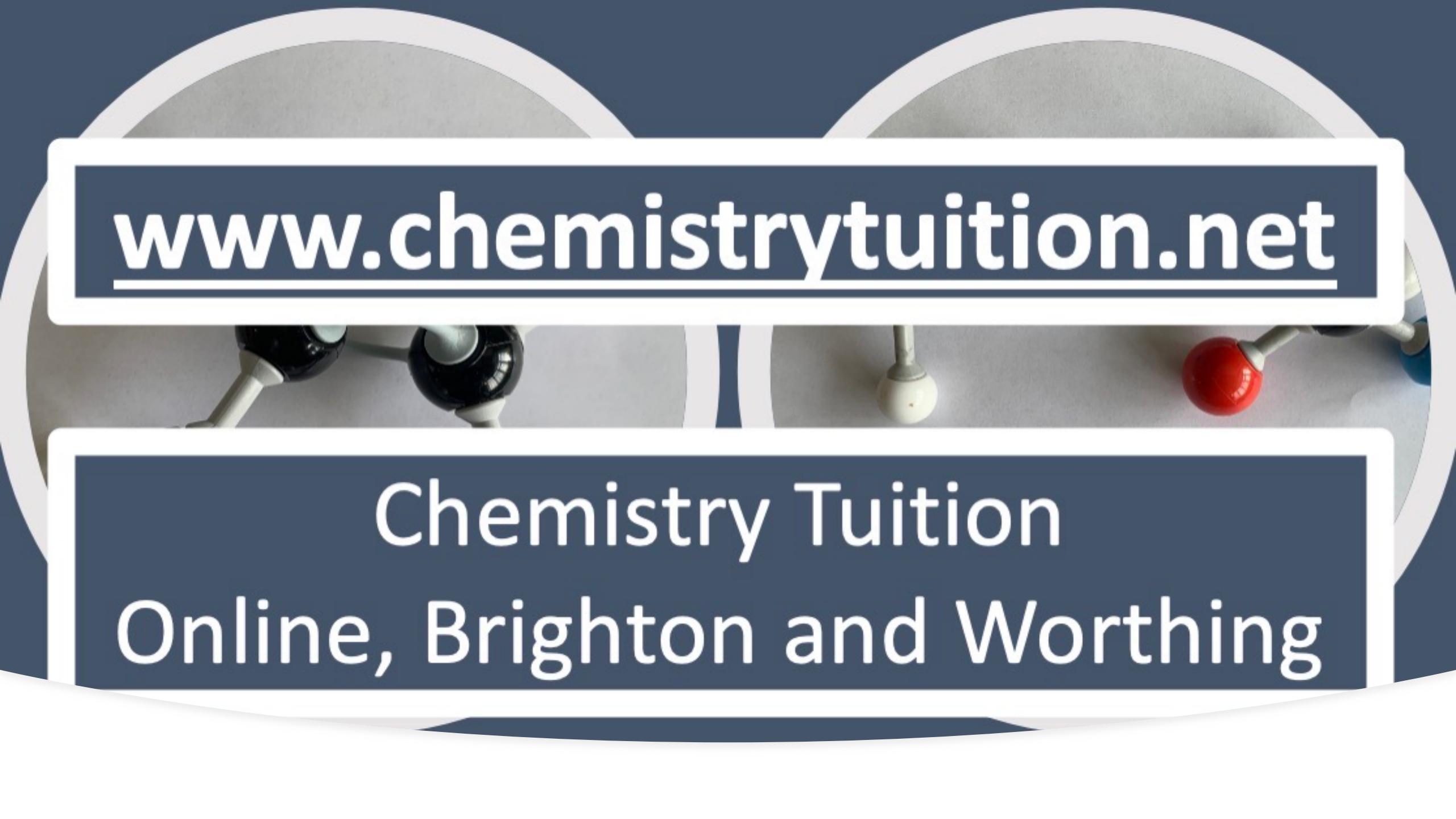
Reaction of H_2O_2 with $\text{H}^+/\text{FeO}_4^{2-}$



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A background photograph of several molecular models made of spheres and connecting rods, representing atoms and bonds. One model has black spheres, another has a red sphere, and a third has blue spheres.

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