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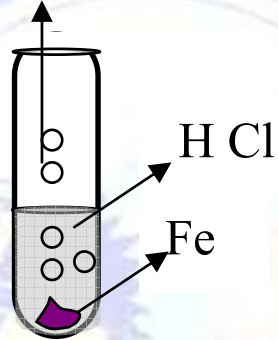
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_____:

(Fe)

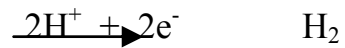
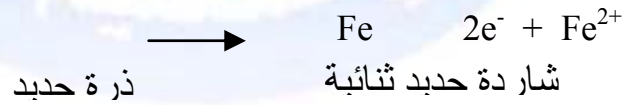
. (H⁺ + Cl⁻)

انطلاق غاز



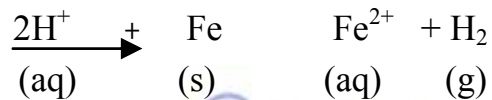
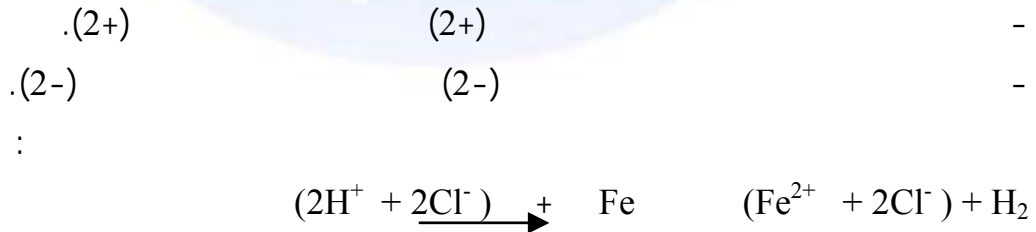
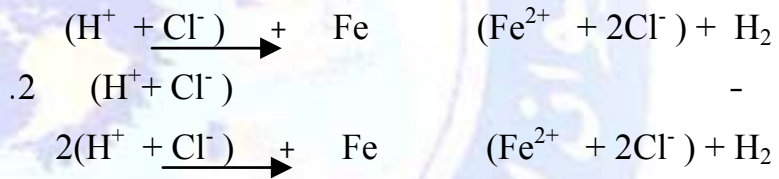
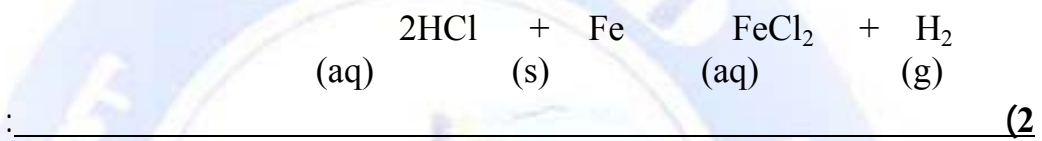
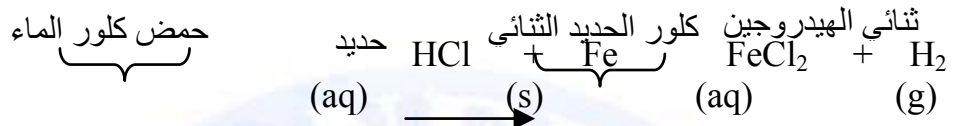
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(Fe²⁺)



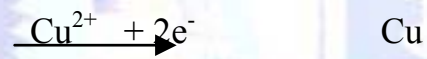
:

_____ (1)



_____ :
 . (Cu²⁺ + SO₄) CuSO₄

)
 (Fe²⁺) (Cu²⁺)
 : Fe²⁺ Cu²⁺
 Fe²⁺ *

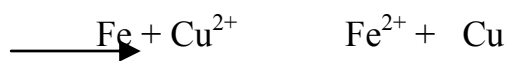
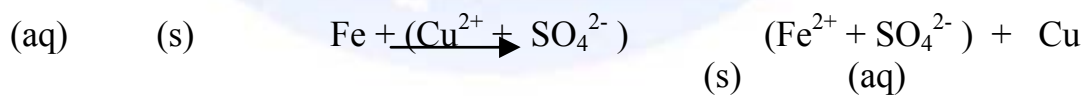


معدن، النحاس،

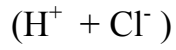
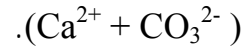
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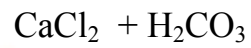
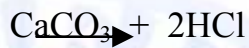
: (2)



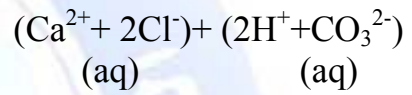
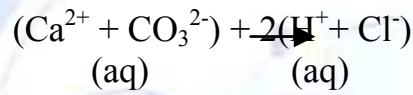
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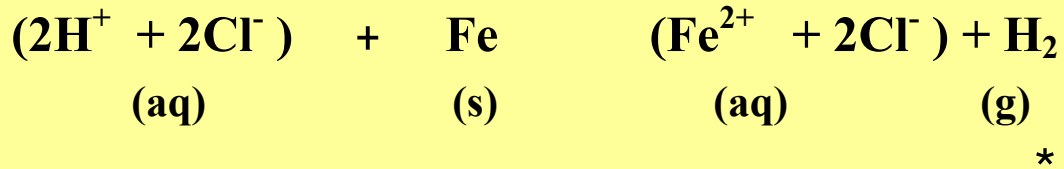
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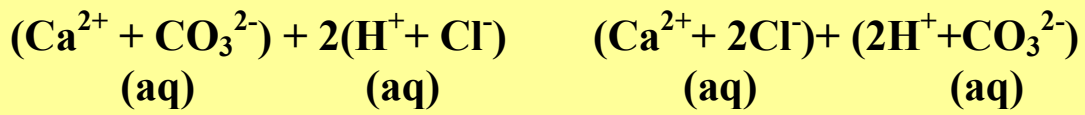
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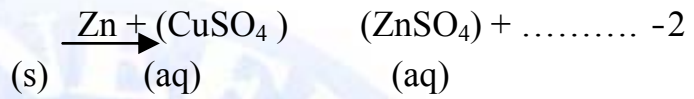
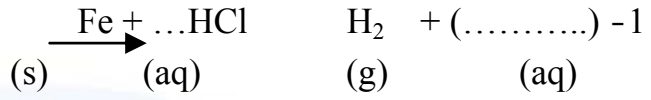


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:

HCl

Zn

Zn²⁺

-1

-2

-3

:

Al



-1

-2

