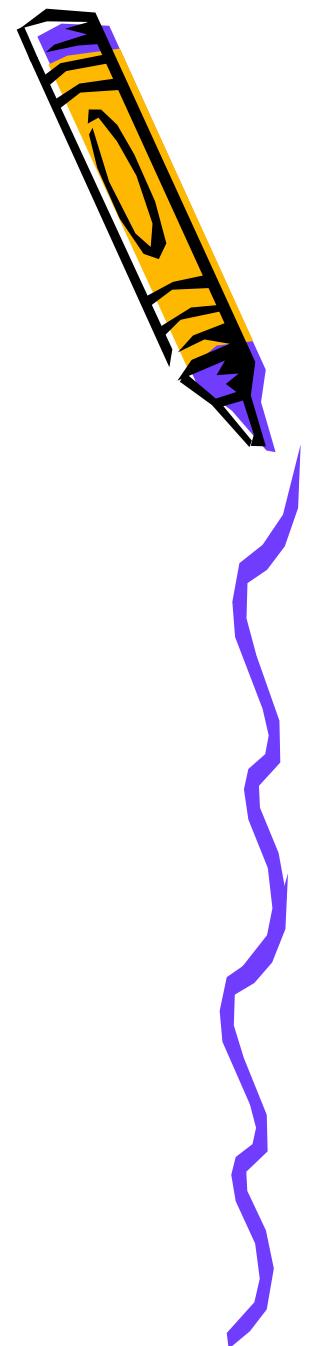
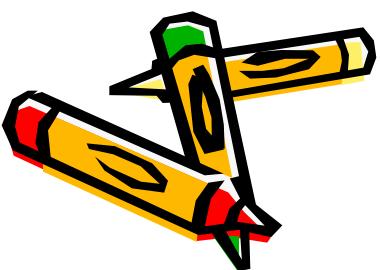
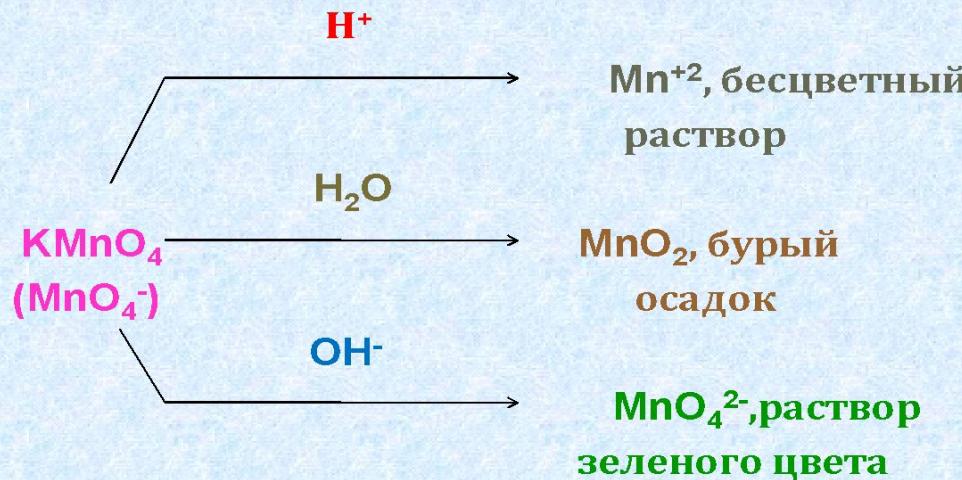
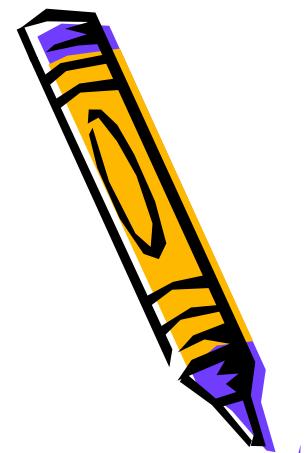
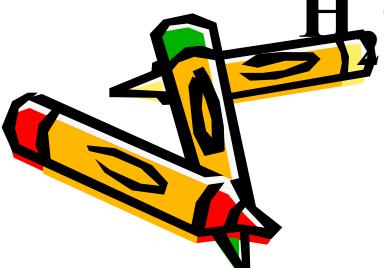


Продукт восстановления MnO_4^- в различных средах



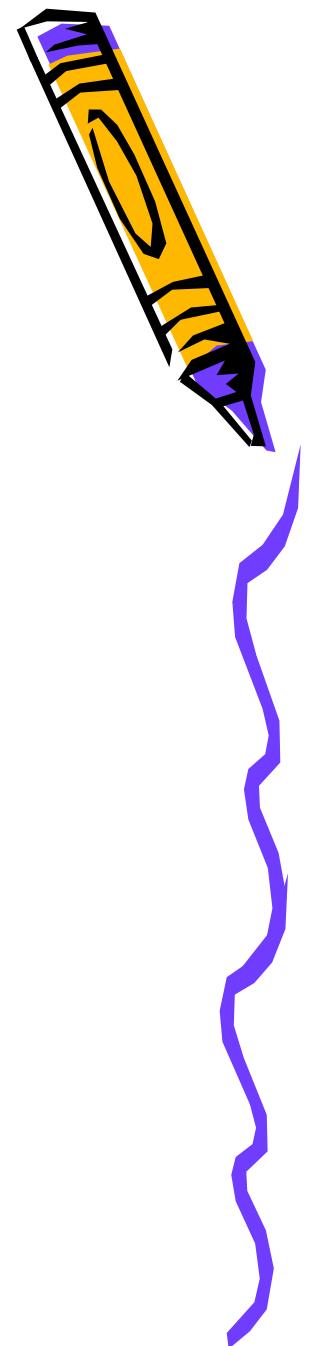
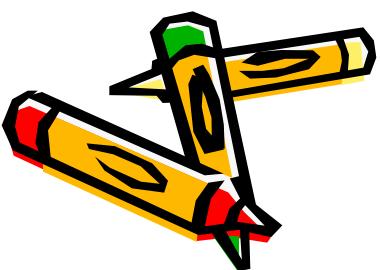
Примеры:

- $\text{KMnO}_4 + \text{Na}_2\text{SO}_3 + \text{H}_2\text{SO}_4 \rightarrow \underline{\quad} + \text{Na}_2\text{SO}_4$
 $+ \text{K}_2\text{SO}_4 + \text{H}_2\text{O}$
- $\text{KMnO}_4 + \text{Na}_2\text{SO}_3 + \text{H}_2\text{O} \rightarrow \underline{\quad} \downarrow + \text{Na}_2\text{SO}_4$
 $+ \text{KOH}$
- $\text{KMnO}_4 + \text{Na}_2\text{SO}_3 + \text{KOH} \rightarrow \text{Na}_2\text{SO}_4 + \underline{\quad} +$
 H_2O

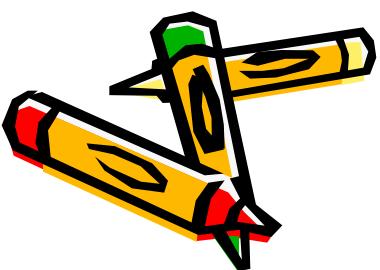
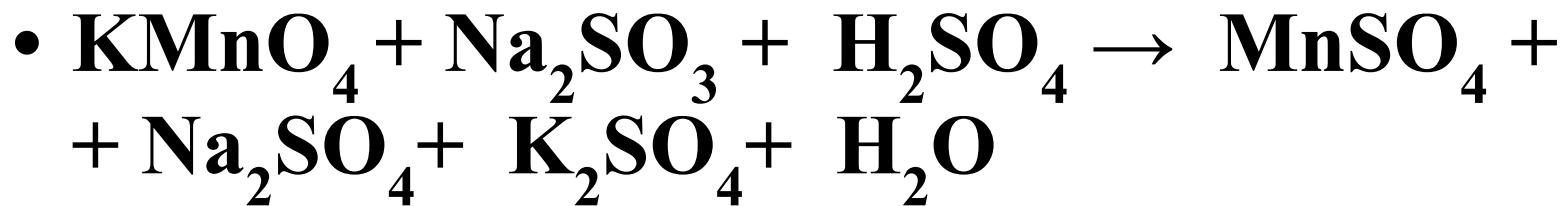
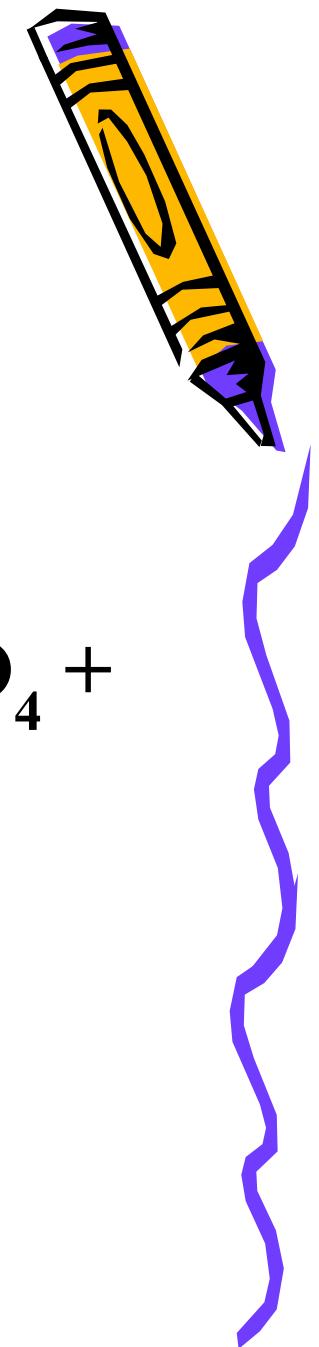


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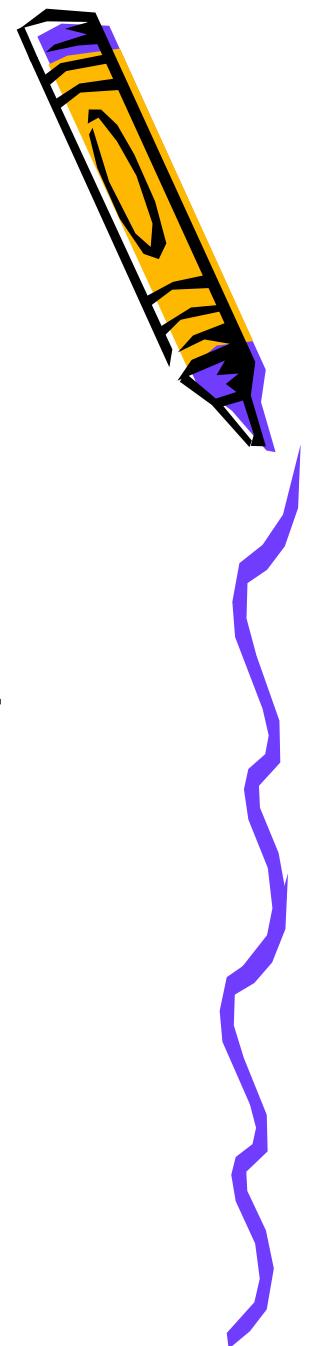
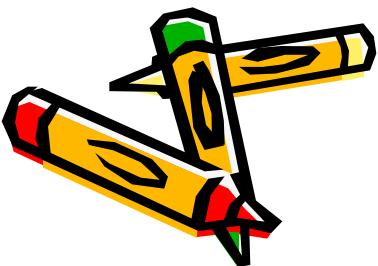
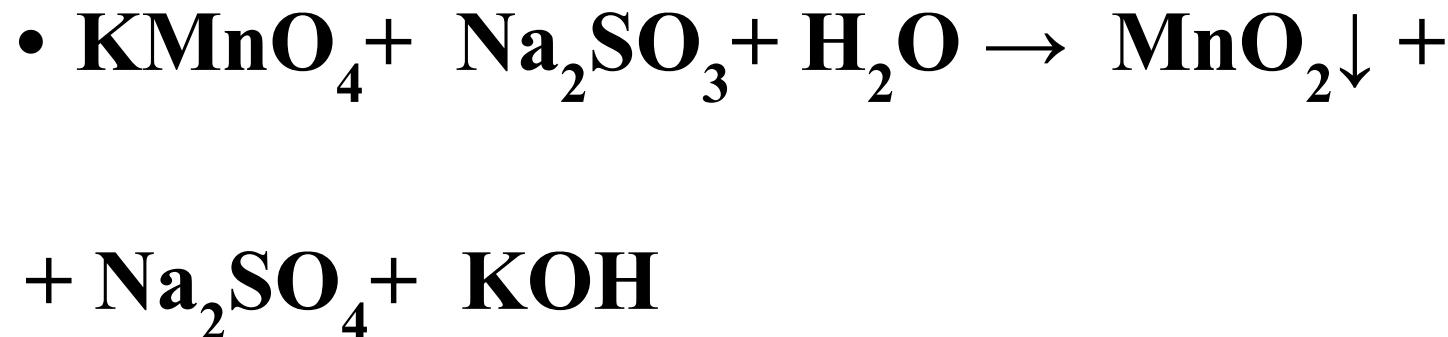
- $\text{KMnO}_4 + \text{Na}_2\text{SO}_3 + \text{H}_2\text{SO}_4 \rightarrow \text{MnSO}_4 + \text{Na}_2\text{SO}_4 + \text{K}_2\text{SO}_4 + \text{H}_2\text{O}$
- $\text{KMnO}_4 + \text{Na}_2\text{SO}_3 + \text{H}_2\text{O} \rightarrow \text{MnO}_2 \downarrow + \text{Na}_2\text{SO}_4 + \text{KOH}$
- $\text{KMnO}_4 + \text{Na}_2\text{SO}_3 + \text{KOH} \rightarrow \text{Na}_2\text{SO}_4 + \text{K}_2\text{MnO}_4 + \text{H}_2\text{O}$



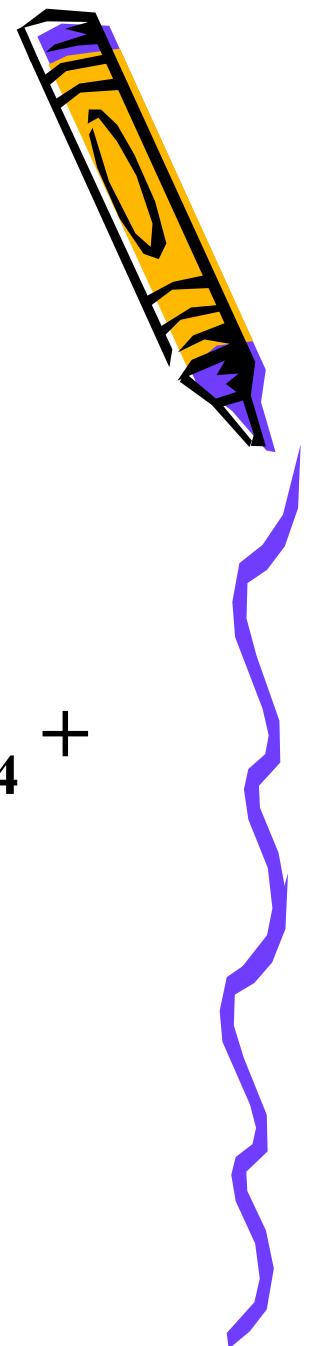
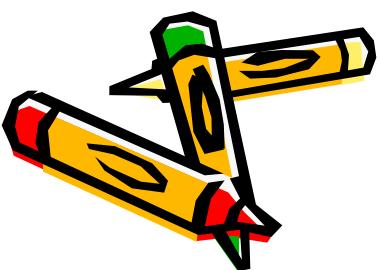
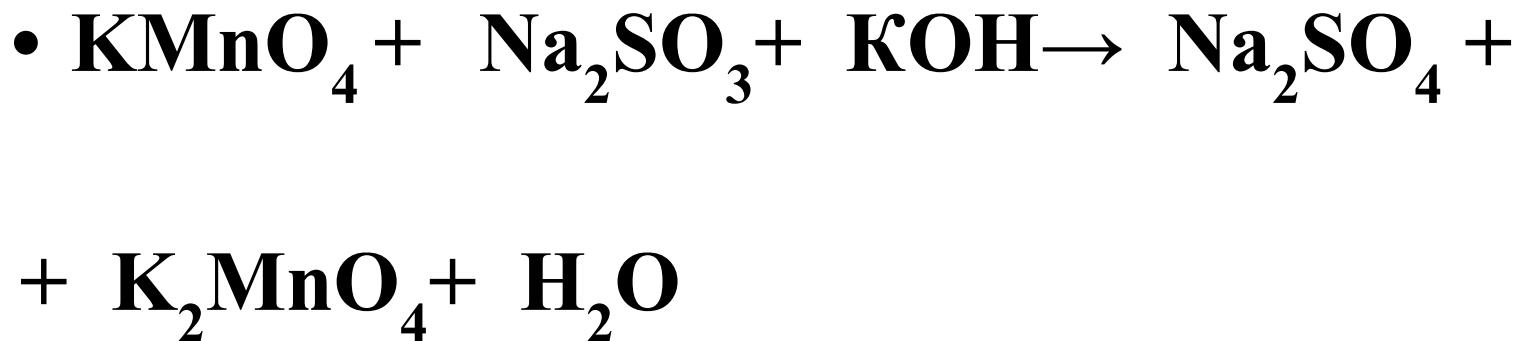
Электронный баланс



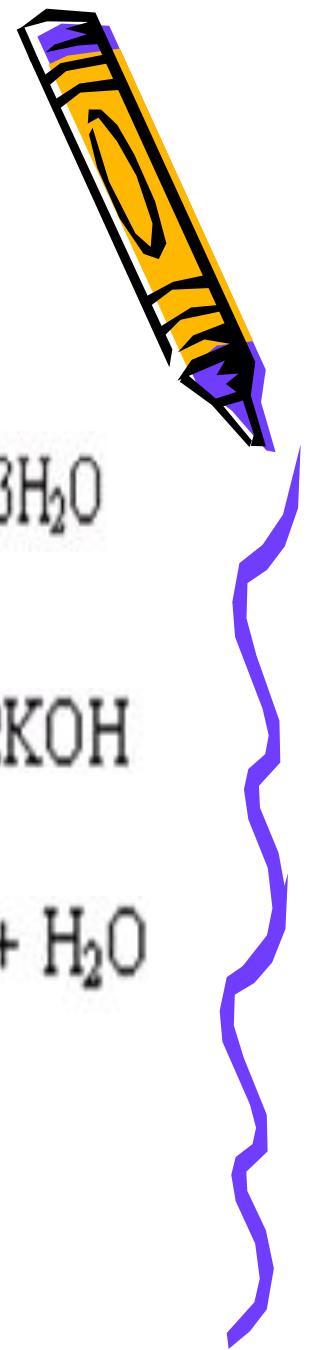
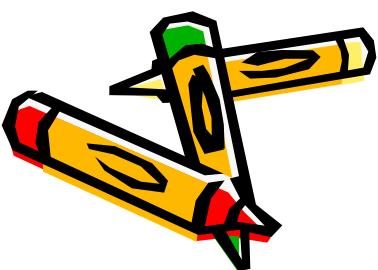
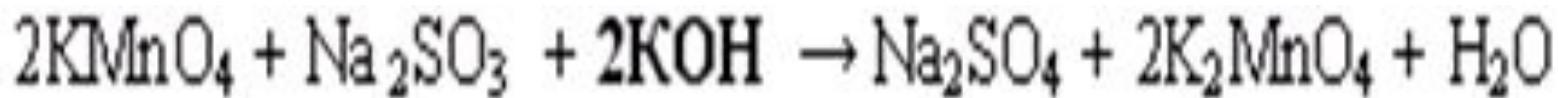
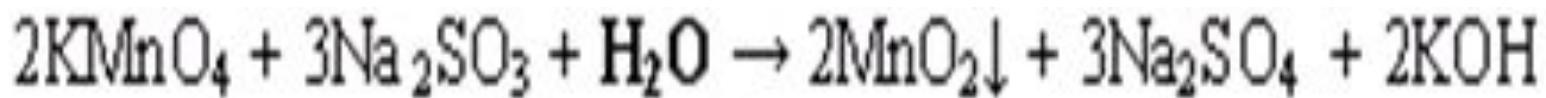
Электронный баланс



Электронный баланс

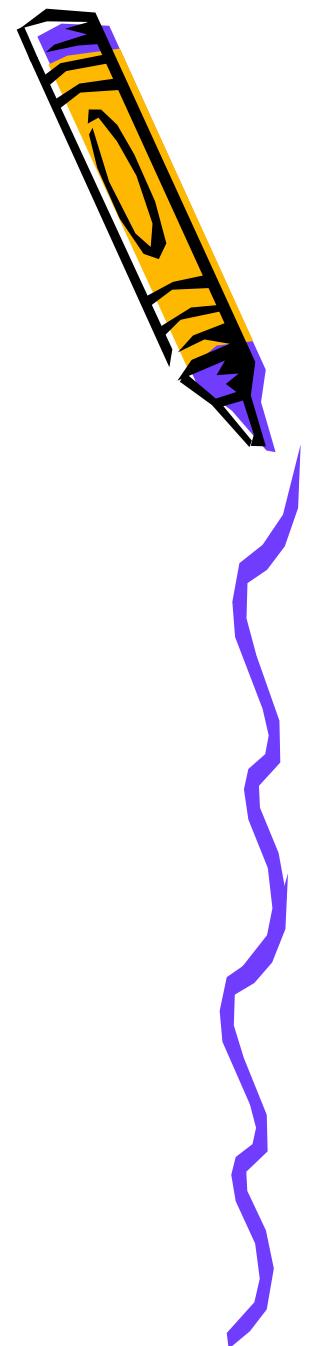


Правильный ответ:

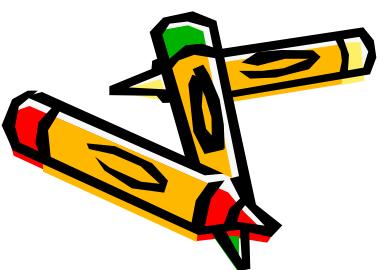


Ответы на задания теста

- 1 - А
- 2 - А
- 3 - Б
- 4 - Б
- 5 - А



Взаимодействие KMnO_4 с соляной кислотой HCl



Окисление аммиака

