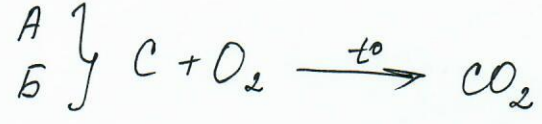


N1.

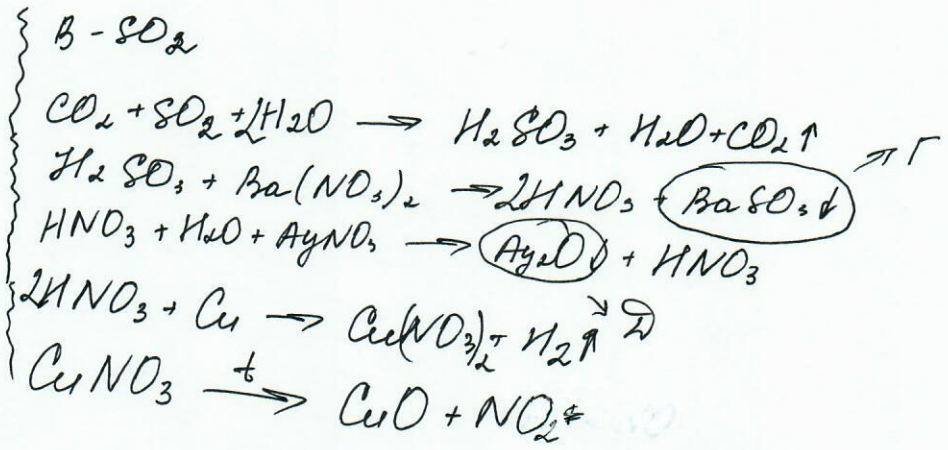
10-1

- 1) $4\text{NH}_3 + 3\text{SiCl}_4 \rightarrow \text{Si}_3\text{N}_4 + 12\text{HCl}$
- 2) $3\text{SiC} + 3\text{CO}_2 + \text{N}_2 \rightarrow \text{Si}_3\text{N}_4 + 6\text{CO}$
- 3) $8\text{KMnO}_4 + 3\text{SiH}_4 \rightarrow 8\text{MnO}_2 + 3\text{K}_2\text{SiO}_3 + 2\text{KOH} + 5\text{H}_2\text{O}$
- 4) $\text{LiAlSi} + 4\text{HCl} \rightarrow \text{SiH}_4 + \text{LiCl} + \text{AlCl}_3$
- 5) $3\text{SiF}_4 + 2\text{H}_2\text{O} \rightarrow \text{SiO}_2 + 2\text{H}_2[\text{SiF}_6]$

N2



$$V(\text{ccccccc}) = 6,72 \text{ л.}$$



N3.