

315

процент выполнения: 62% ✓

Ш-Х-9-25В3

Шифр \_\_\_\_\_

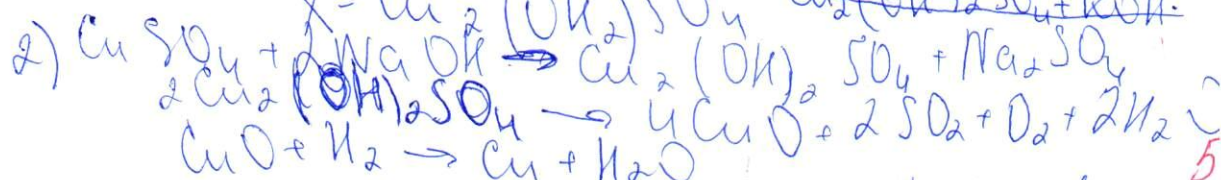
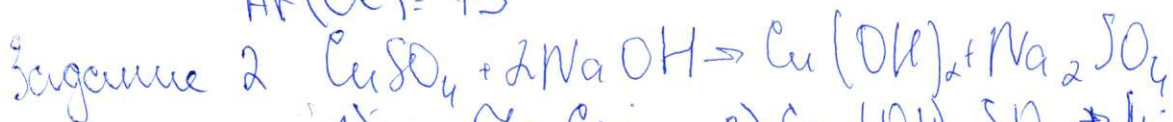
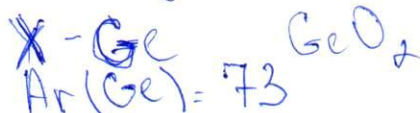
Задача 1  $XO_2$

$$\omega(O) = 30,5\%$$

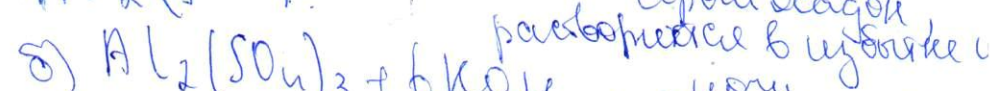
$$\omega(X) = 69,5\%$$

$$\text{Пусть } m(XO_2) = 100 \text{ г, тогда } m(O) = 30,5 \text{ г}$$

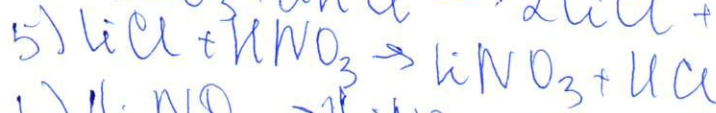
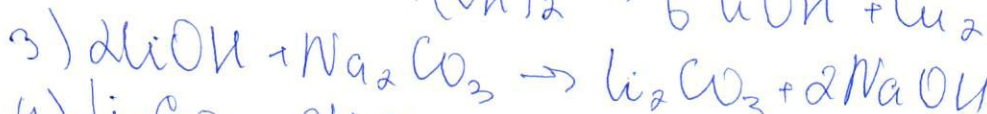
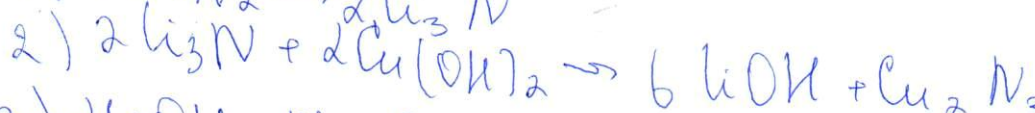
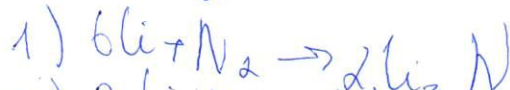
$$m(X) = 69,5 \text{ г}$$



Задача 3



Задача 4



Задача 5

1)  $\omega(Cu) \text{ в } CuFeS_2 = \frac{64}{184} \cdot 100\% = 34,8\%$

55

$$w(\text{Cu}) \text{ в } \text{CuS} = \frac{64}{96} \cdot 100\% = 66,4\%$$

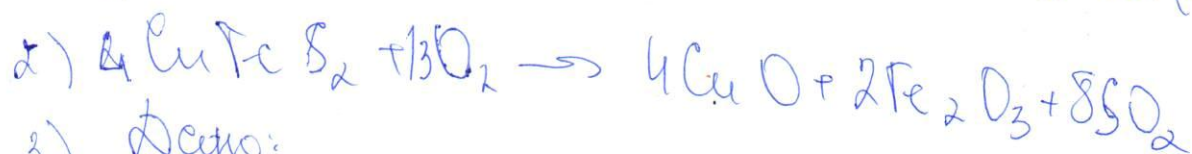
$$w(\text{Cu}) \text{ в } \text{Cu}_2\text{S} = \frac{128}{160} \cdot 100\% = 80\%$$

$$w(\text{Cu}) \text{ в } \text{Cu}_5\text{FeS}_4 = \frac{320}{504} \cdot 100\% = 63,3\%$$

$$w(\text{Cu}) \text{ в } \text{Cu}_2\text{O} = \frac{128}{144} \cdot 100\% = 88,8\%$$

$$w(\text{Cu}) \text{ в } \text{CuCO}_3 \cdot \text{Cu}(\text{OH})_2 = \frac{128}{216} \cdot 100\% = 59,3\%$$

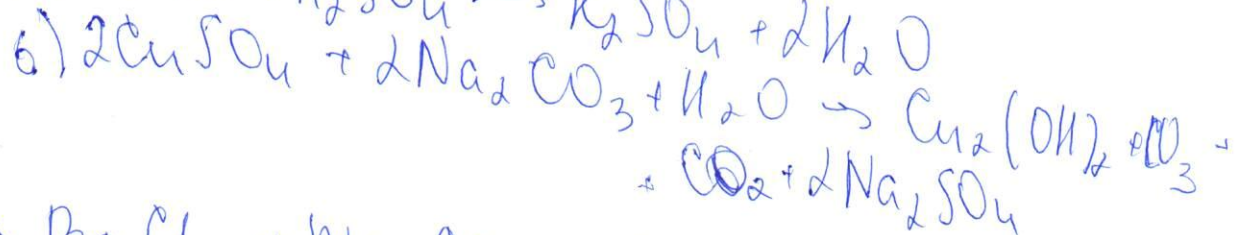
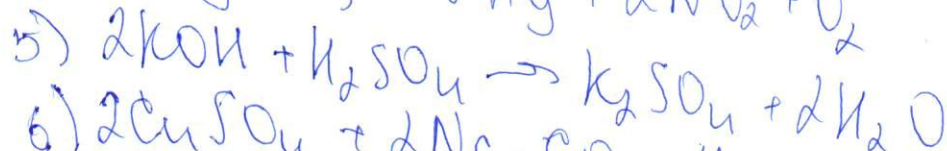
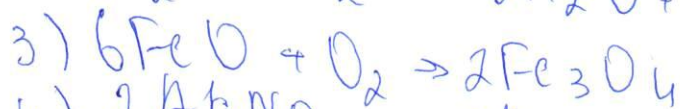
$\text{Cu}_2\text{O}, \text{Cu}_2\text{S}, \text{CuS}, \text{Cu}_5\text{FeS}_4, \text{CuCO}_3 \cdot \text{Cu}(\text{OH})_2, \text{CuFeS}_2$



3) Дано:

78

Задача 6



105