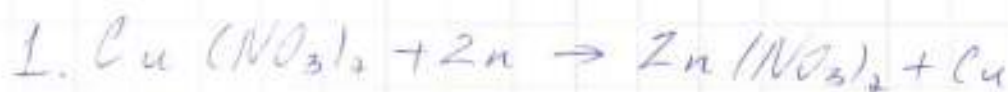


4-есеп



1-есеп

$$1. m(\text{Zn}) = 70\text{г}$$

$$m(\text{S}) = 30\text{г}$$

$$M(\text{ZnS}) = ?$$

$$w = \frac{m}{M} \cdot 100\%$$

$$w(\text{ZnS}) = \frac{70\text{г}}{30\text{г}} \cdot 100\% = 23\%$$

$$w = \frac{70\text{г}}{65\text{г}} \cdot 100\% = 76\%$$

$$w = \frac{30\text{г}}{32\text{г}} \cdot 100\% = 33\%$$

$$w(\text{ZnS}) = 23\%$$

$$w(\text{Zn}) = 76\%$$

$$w(\text{S}) = 33\%$$

2-есеп



$$m(\text{H}_2\text{SO}_4) = 63,56\text{г}$$

$$n(\text{H}_2\text{NO}_3) = \frac{m}{M}$$

$$n(\text{H}_2\text{NO}_3) = \frac{5\text{г}}{64\text{г/моль}} = 0,78\text{ моль}$$

$$m = n \cdot M = 0,78\text{ моль} \cdot 82\text{ г/моль} = 63,56\text{ г}$$