

1-мансарама.

Бер:

$\omega = 20\%$

$m(\text{ep}) = 80\text{r}$

$$\omega = \frac{m(\text{z})}{m(\text{ep})} \cdot 100\%$$

$m(\text{cy}) = m(\text{ep}) - m(\text{z})$

$m(\text{cy}) = 80\text{r} - 16\text{r} = 64\text{r}$

Тік: $m(\text{z}) = ?$
 $m(\text{cy}) = ?$

$m(\text{z}) = \frac{\omega \cdot m(\text{ep})}{100\%}$
 $m(\text{z}) = \frac{20\% \cdot 80\text{r}}{100\%} = 16\text{r}$

2) $\bar{e}(\text{N}) + \bar{e}(\text{U}_3) + \bar{e}(\text{U}_2) + \bar{e}(\text{O}) = 7 + 3 + 2 + 8 = 20$

нәб: $m(\text{z}) = 16\text{r}, m(\text{cy}) = 64\text{r}, \bar{e} = 20$

2-мансарама.

$m(\text{C}_2\text{H}_4\text{O}_2) = 3\text{r}$

$V(\text{H}_2\text{O}) = 20\text{мл} = 0.02\text{л}$

1) $c = \frac{m}{V}$ ($c = \frac{3\text{r}}{0.02\text{л} \cdot 60\text{г/моль}}$)

2) $\rho_{\text{мол}} = \frac{m(\text{C}_2\text{H}_4\text{O}_2)}{V(\text{C}_2\text{H}_4\text{O}_2)}$

Тік: M, c, V, ρ

$v = \frac{m}{M} = \frac{3\text{r}}{60\text{г/моль}} = 0.05\text{моль}$

$= \frac{3\text{r}}{0.05\text{моль}} = 60\text{ДН}$

$M(\text{C}_2\text{H}_4\text{O}_2) = 60\text{г/моль}$

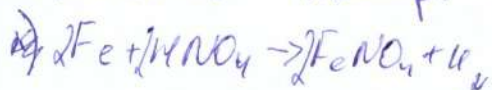
$M(\text{C}_2\text{H}_4\text{O}_2) = 60\text{г/моль}$

$c = \frac{0.05\text{моль}}{0.02\text{л}} = 2.5\text{моль/л}$

нәб: $c = 2.5\text{моль/л}$
 $v = 0.05\text{моль}$
 $\rho = 60\text{ДН}$

4-мансарама

1) $N(x) = 3.84 \cdot 10^{24}$ "мемір." ← ауд.; $A = \text{Cu}$ $B = \text{Fe}$



3-мансарама

