

№1. Заттар қоспасы

1.1 1.2 жалпы

10 7 17

Бері:

$$m(Me+X) = 272$$

1) $D(Me) = ?$

$$D(X) = ?$$

2) $p = 5,185 \text{ ұшм}$

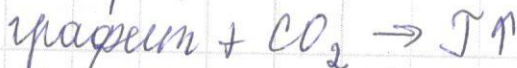
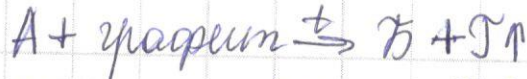
$$w(XOH) = 25\%$$

$$m(XOH) = ?$$

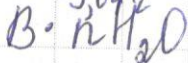
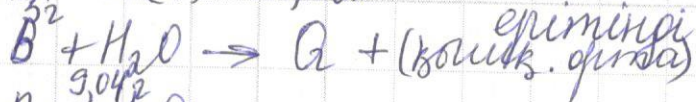
$$x = \frac{142 \cdot 22,4}{4,81} = 65,28 \approx 65,3 (\text{Zn}) \approx 65$$

№2. Белгісіз заттар

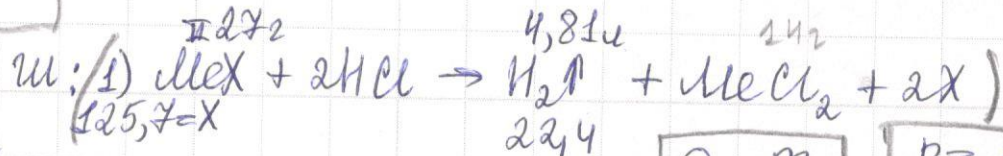
A	B	B	T	X	B	n-өлшем жалпы	
4	2	4	2	2	1	2	17



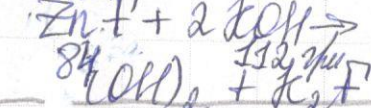
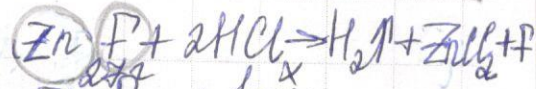
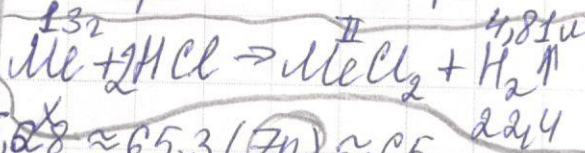
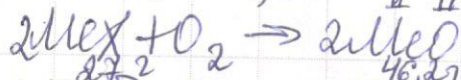
$$B - w(X) = 20,2\%$$



$$n = ?$$



$$m(MeX) = \frac{27 \cdot 22,4}{4,81} = 125,7 \text{ ұшм}$$



$$x = \frac{27 \cdot 112}{84} = 36 \text{ (KOH)}$$

$$36 \approx 100\%$$

$$x = 25\%$$

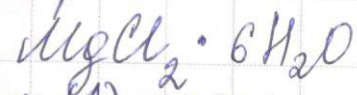
$$x = \frac{36 \cdot 25\%}{100\%} = 9 \text{ (KOH)}$$

$$D(Zn)_{\text{мол}} = \frac{14}{65,3} \approx 0,2 \text{ моль}$$

$$D(F) = \frac{m}{\text{мол}} = \frac{19}{19} = 0,68 \approx 0,7 \text{ м.}$$

№3. Бишорит

Бер:

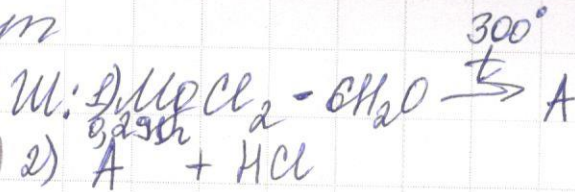


$$m(A) = 0,2912$$

$$V = 50 \text{ мл (HCl)}$$

$$d = 0,1 \text{ м (HCl)}$$

$$W(A_{\text{он}})(\text{Cl}) = ?$$



№4. Белгісіз көшірсутек
 $P_{3.13}(x) - 3,13$ ш:

1) X - форм. = ?

2)

3) $X, A, B, C = ?$

Парақтың артқы жағын толтырмаңыз / Обратную сторону листа не заполнять

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