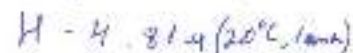
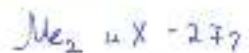


1. Дано:

когда смесь O, Mg₂ и X улетела - 10,20 г

Т.н. X - ?

Решение:



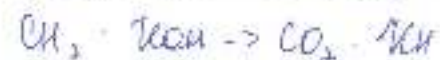
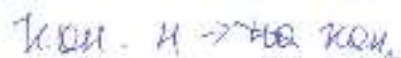
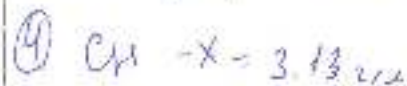
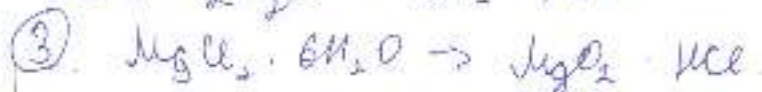
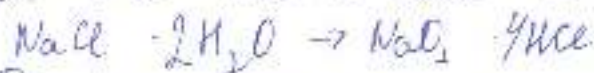
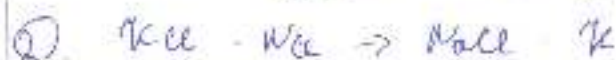
$$\text{Mg и O} = 0 \cdot 132 = 20 \text{ г}$$

$$0 \cdot 19 \cdot 20 = 404 \cdot 20 \text{ г}$$

$$\frac{\text{Mg}_2}{\text{HCl}} = 20,5 + 19 \cdot 20 = 39,25$$

$$X = \text{K} - 39,25$$

Ответ: X = K



Задача 1

1.

2. 1, 46 мл

Задача 2.

1. 1, 2 1 2

2.

3. 2

Задача 4

Зағамы №1

1.

2.
$$V = \frac{P}{P} = \frac{5920}{2} = 11.420$$

Зағамы №2

1. 1/1

2.

3.

Зағамы №3

1.

2.

3.

Зағамы №4

1)

2)

3) Қауіпсіздік және

A

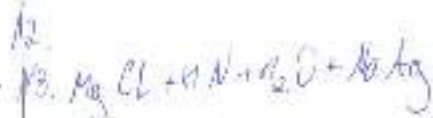
B

C

Қауіпсіздік

$$M1) 1) P_2^2 = X \quad \text{мына } \frac{13}{13,20} = \frac{X}{100\%}$$

$$2) \text{ мын, } S = 75\% \quad X = \frac{13 \cdot 100\%}{13,20} = 98,5\%$$



$$1) \text{ мына } (Cl) = 50\%$$

M1.

$$2) \text{ мына } (Fe) = 20\%$$

M4

$$3) X = Co$$

$$A = Co$$

$$B = Si$$

$$C = Br$$

$$1) \text{ мына } (Co) = 24 + 32 = 76.$$

2) Жауап:

$$A = Zn$$

$$B = HCl$$

$$K = Ca$$

$$Г = Te$$

$$X = Ca$$