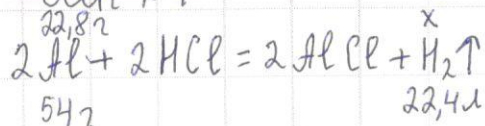


Есеп №1



$$M_r(\text{Al}) = 27$$

$$m(\text{Al}) = 2 \cdot 27 = 54$$

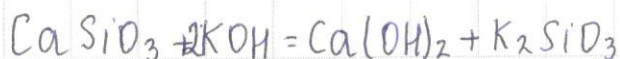
$$\frac{22,8}{54} = \frac{x}{22,4} = \frac{22,8 \cdot 22,4}{54} \approx 9,04$$

Жалғыз $m(\text{Ca})$

$$M(\text{Ca}) = 41 \text{ г/моль}$$

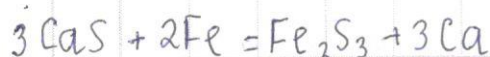
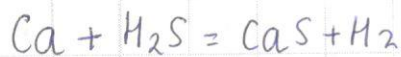
$$M(\text{CaSiO}_3) = 41 + 28 + 48 = 117 \text{ г/моль}$$

$$\eta_{\text{масс}} = \frac{41 \text{ г/моль}}{117 \text{ г/моль}} \cdot 100\% \approx 30,4\%$$



Есеп №2

$X = \text{Ca}$



Жартылай - 82

$$82 = 22,2 \text{ ж}$$

$$202 = 22,2 \cdot 2,5 = 55,5 \text{ ж}$$

$$1916 - 55,5 = 1860,5 \text{ ж}$$

$$\frac{1252}{x} = \frac{82}{22,2 \text{ ж}} \approx 3,406 \text{ ж}$$

$$1,252 = 1860,5 + 3,406 \text{ ж} = 1863,906 \text{ ж}$$

Есеп №3

