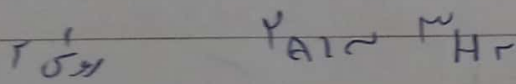
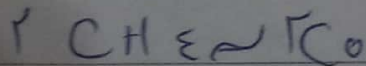
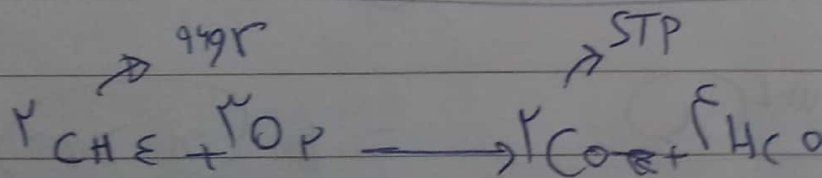


$$\frac{m}{x \times 27} = \frac{2 \times w}{2} \rightarrow m = 27w$$

~~مطلوب~~ $\rightarrow \frac{27w}{2} = \frac{\text{Lit}}{27w} \rightarrow w = 27,27$



$$\frac{27w}{27} = \frac{\text{Lit}}{27w} \rightarrow w = 27,27$$

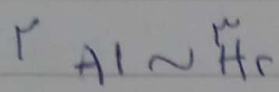
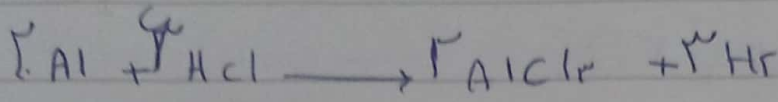


$$\frac{99}{x \times 16} = \frac{\text{Lit}}{z \times 44} \rightarrow \text{Lit} = 138,75$$

$$x \text{ CH}_4 \sim y \text{ O}_2 \rightarrow \frac{99}{x \times 16} = \frac{\text{Lit}}{y \times 32} \rightarrow y = 2 \times \frac{\text{Lit}}{99}$$

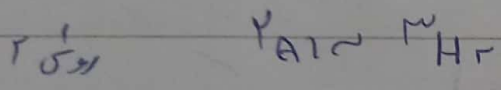
$$x \text{ CH}_4 \sim y \text{ O}_2 \rightarrow \frac{99}{x \times 16} = \frac{2}{y \times 32} \rightarrow y = \frac{2}{99} \times 16x$$

151

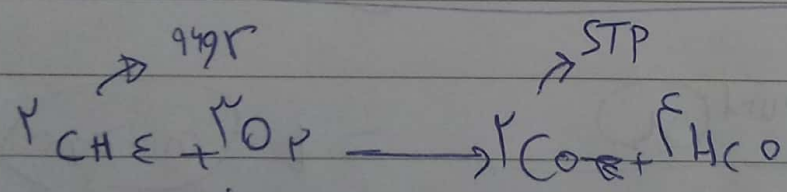


$$\frac{m}{2 \times 2 \times 2} = \frac{2 \times 1 \times 1}{2} \rightarrow m = 11.9$$

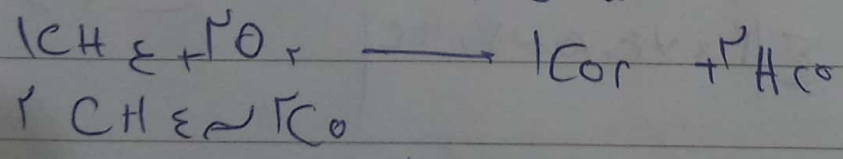
نفس الشيء $\rightarrow \frac{H_2 \sim H_2}{2} = \frac{Lit}{2 \times 1 \times 1} \rightarrow 24.111$ 152



$$\frac{11.9}{2 \times 2} = \frac{Lit}{2 \times 2 \times 1 \times 1} \rightarrow v = 24.111$$



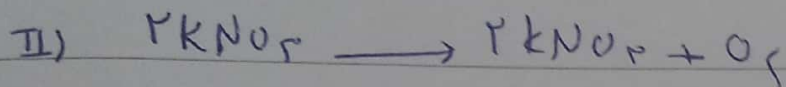
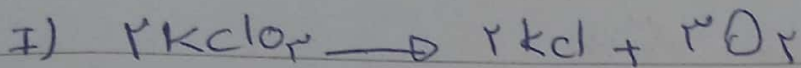
153



$$\frac{99}{2 \times 14} = \frac{Lit}{2 \times 2 \times 1 \times 1} \rightarrow Lit = 10.818$$

نفس الشيء $\overset{+2}{CH_4} \sim \overset{+2}{O_2} \rightarrow \frac{99}{2 \times 14} = \frac{Lit}{2 \times 2 \times 1 \times 1} \rightarrow 9 \times 10.818$

نفس الشيء $CH_4 \sim |O_2 \rightarrow \frac{99}{1 \times 14} = \frac{2}{2 \times 2 \times 1 \times 1} \rightarrow 10 \times 10.818$



نمونه
اختلاف فرم \rightarrow $2KClO_3 \sim 2KCl \sim 3O_2$

$$\frac{2 \times 122.5}{2 \times 117.5} = \frac{x}{2 \times 143} = \frac{y}{2 \times 32}$$



$$x - y = 0, 5$$

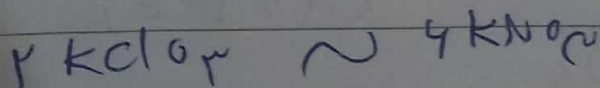
20
117.5

اختلاف فرم
کسر
 \sum جملی \times خنثی

$2KClO_3 \sim$ اختلاف فرم $0 =$

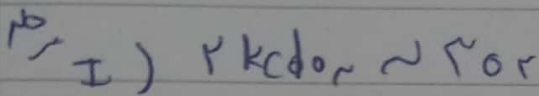
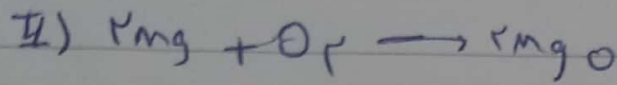
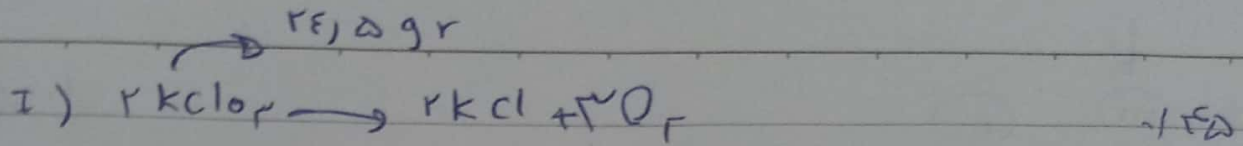
$$\frac{2 \times 122.5}{2 \times 117.5} = \frac{x}{2 \times 143 - 3 \times 32} = \Rightarrow x = 81.5$$

بیشتر
مقدار

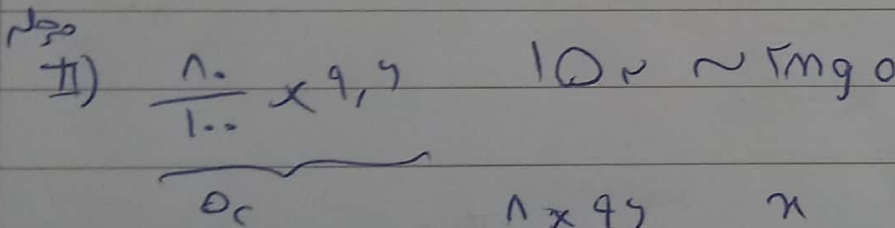


$$\frac{2 \times 122.5}{2 \times 117.5} = \frac{95}{4 \times 101} \rightarrow 40, 4$$

2
117.5

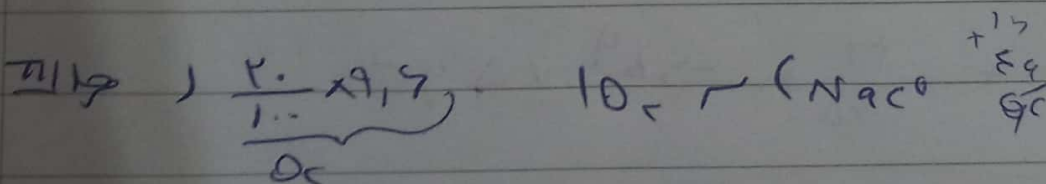


$$\frac{245}{2 \times 100} = \frac{x}{x \times 32} \rightarrow \frac{x=99}{1.}$$



$$\frac{1 \times 99}{1. \times 1.} = \frac{x}{x \times 40}$$

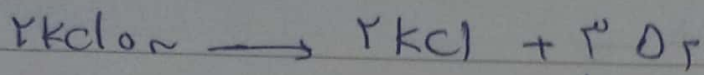
$$\text{MgO} = 19.98$$



$$\frac{1. \times 9.9}{1. \times 100} = \frac{x}{x \times 46} \rightarrow$$

$$x = 11.55$$

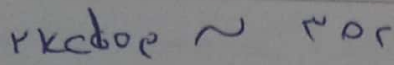
$$\text{MgO} + \text{Na}_2\text{O} = 31.53$$



1/59

92
حلول
0.2
F.I.

13.88
STP



$$\frac{2 \times 122.5 \times 92}{100 \times 1000 \times 13.88} = \frac{13.88}{21.5 \times 22.4}$$

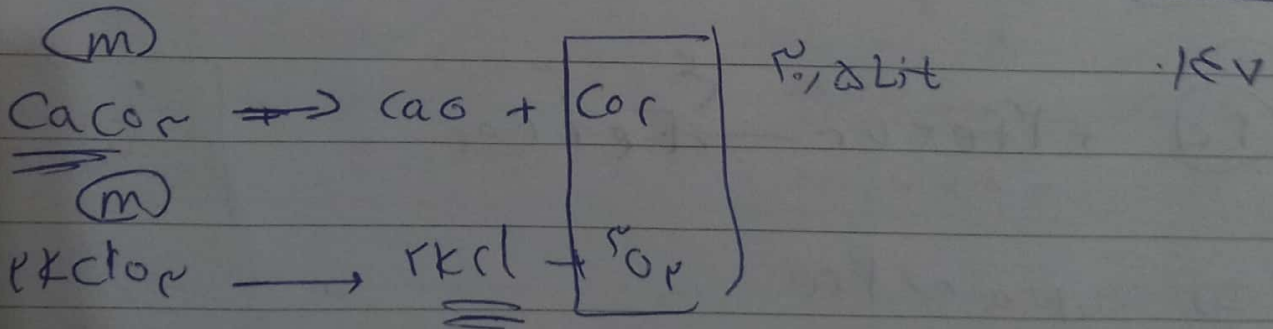
$$= 2.5 \text{ g} \checkmark$$

مادون خطه باقی مانده → فرضی - فرضی →

$$13.88 - \boxed{19.1} = 25.8$$

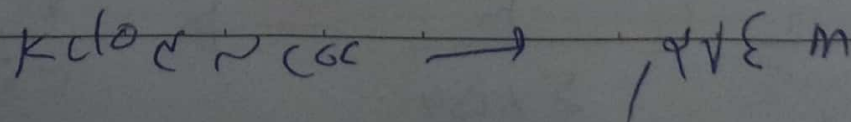
$O_2 \sim O_2$

$$\frac{13.88}{21.5} = \frac{92}{1000} \rightarrow 92 = 19.1$$



(100) $CaCO_3 \sim CaO$

$$\frac{m}{100} = \frac{100}{1000} \rightarrow 100 = 100m$$



$$\frac{2 \times 56}{1} = \frac{2 \times 112}{1} \rightarrow$$

$$m = 41,56$$

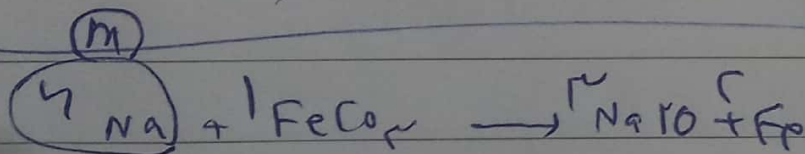
والنسبة
متر صرف شره

والنسبة $2 \text{ KClO}_3 \sim 2 \text{ KCl}$

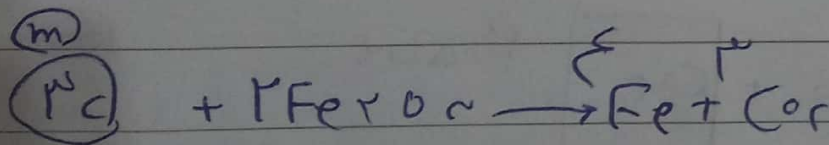
$$\frac{m}{2 \times 122,5} = \frac{x}{2 \times 74,5} \rightarrow \left(\frac{74,5}{122,5} \right) m$$

سؤال \rightarrow

$$\frac{74,5}{122,5} \cdot m \approx 1,91$$



.1.1.1



$$\frac{9}{12} = \frac{1}{12} \cdot (12)$$

I) $4 \text{ Na} \sim 2 \text{ FeO}$

$$\frac{44 \times m}{100 \times 4 \times 23} = \frac{x}{2 \times 72}$$

$$\frac{44 \times 44 \times 2 \times m}{100 \times 4 \times 23}$$

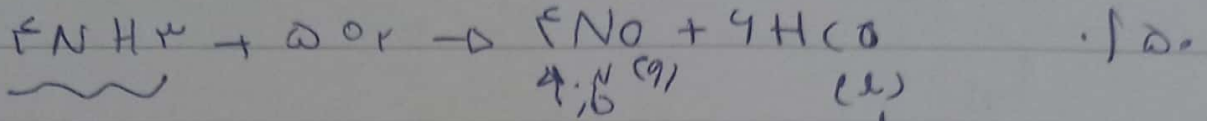
$\text{C} \sim 2 \text{ Fe}$ سؤال بطايريم

$$\frac{72 \times m}{100 \times 12} = \frac{m}{2 \times 56}$$

$$\frac{72 \times m \times 56 \times 2}{100 \times 12 \times 56 \times 2}$$

ASEMAN

02/02/19



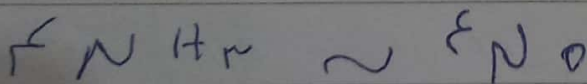
1.897
- 2.291

↑
0.12, STP

→ ~~FeH₂ ~ FeNO~~

$$\frac{9.0 \times \frac{1.897}{1.0 \times 10^3}}{1.0 \times 10^3} = \frac{\text{mol}}{1}$$

$$\frac{1.897}{1.0} = \underline{\underline{1.897 \text{ mol}}}$$



$$\frac{1.897}{1.0} = \frac{\text{Lit}}{1.0 \times 10^3} = \frac{1.897 \times 10^3}{1.0 \times 10^3} = \underline{\underline{1.897}}$$