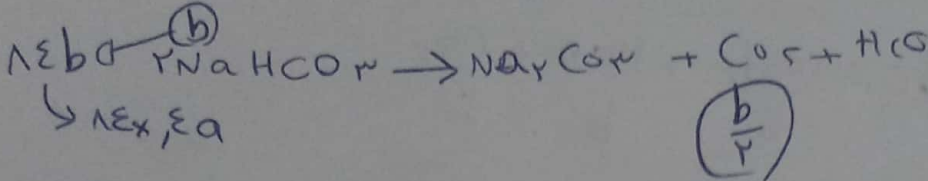


← (10)



$a \times v' = \frac{b}{r} \times v' \rightarrow \boxed{ra = b}$

$\frac{100 \times 97}{100} = \frac{100 \times 97 \times 1}{100} = 97$

$\text{P.S.} \rightarrow b = ra$

$100 \times a + 100 \times b = 100 \times 97$

$100 \times a + 100 \times a = 100 \times 97$

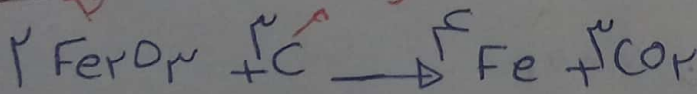
$100 \times 2a = 100 \times 97$

$\boxed{a = 48.5}$

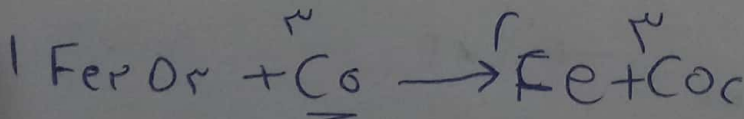
$\boxed{b = 48.5}$

$\frac{100 \times 100}{100 \times 100} = \frac{100}{100}$
 $\Rightarrow \text{VEIN}$

Handwritten notes in red ink.



100

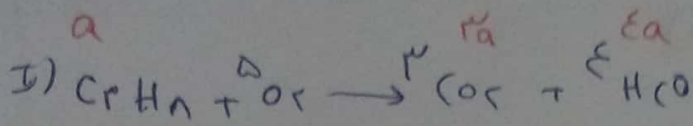


$\text{C} \sim \text{Fe}_2\text{O}_3$

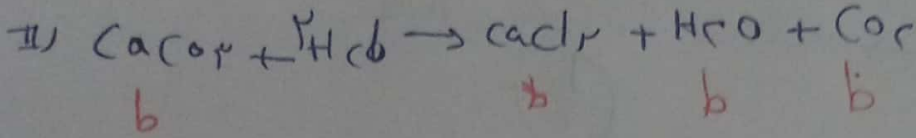
$\frac{12}{2 \times 160 \times 14} = \frac{m \times 16}{2 \times 160 \times 14} \rightarrow m = \frac{12 \times 16}{2 \times 160 \times 14}$

$m = \frac{12 \times 16}{2 \times 160 \times 14} = \frac{1.1 \dots}{14}$

$\frac{100 \times \dots}{14} = \frac{100}{14 \times 14}$
 $\text{LiCO} = \dots$



105

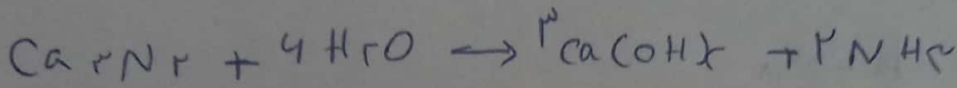


$$18b + 36a = 9 \quad \rightarrow \quad a = 1 \text{ mol}$$

$$12ca + 36b = 144 \quad \rightarrow \quad b = 1 \text{ mol}$$

$$1 \times 36 + 1 \times 108 = 144$$

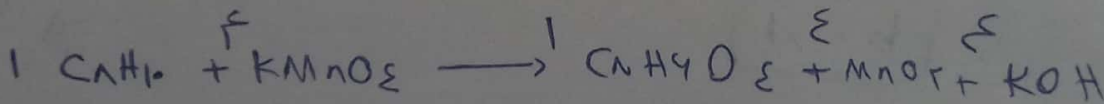
106



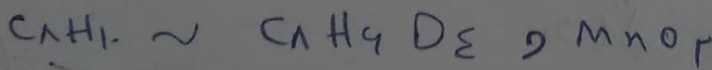
107



$$\frac{1 \text{ mol}}{1} = \frac{x}{2 \times 14}$$



108



$$\frac{30 \times 2}{1 \times 1.4} = \frac{144}{91} \rightarrow 2 \nu 2$$

$$\frac{30 \times 2}{1 \times 1.4} = \frac{144}{91} \Rightarrow \text{اختلاف جزئ} = 2 \nu 2$$

$$2 \nu 2 - 2 \nu 9 = 2 \nu 2$$

1.154

مردود

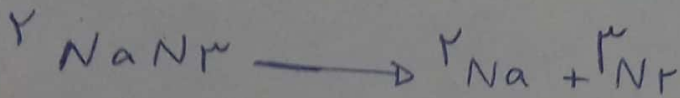
$$\frac{1 \text{ Fe} \sim 1 \text{ ال}}{1 \times 56} = \frac{4 \text{ NA}}{1 \times \text{NA}}$$

$$\rightarrow \boxed{x = \frac{3 \times 56}{1}}$$

مردود

$$\frac{1 \cdot 18}{1 \times 18} = \frac{1 \text{ مول}}{1 \times \text{NA}} \rightarrow 4 \text{ NA}$$

1.154



↓

$$\frac{96}{2 \times 85} = \frac{46}{2 \times 23}$$

$$\rightarrow x = \frac{85 \times 46}{2 \times 23} = 850$$