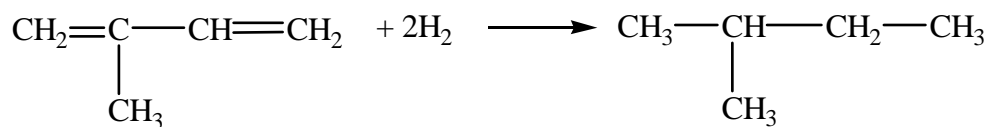


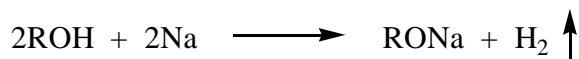
1.

$$n = 10 \times 0.681 / 68 = 0.1$$

:



0.2 . -

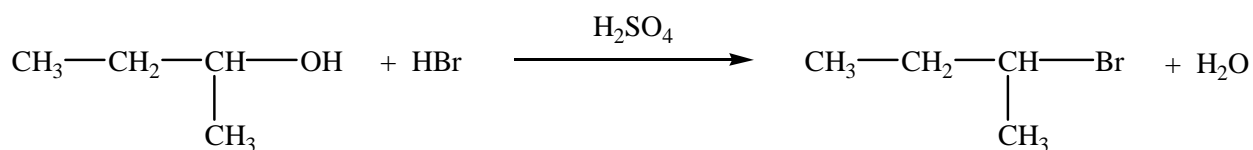
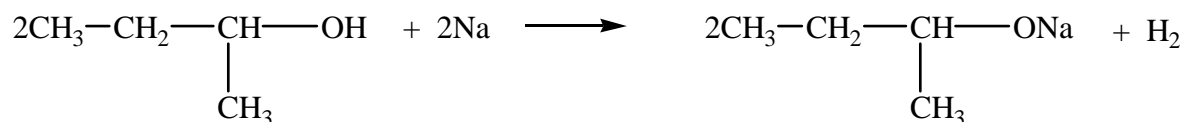


$$0.4 \qquad m = 36.7 \times 0.806 = 29.58$$

$$= 29.58 / 0.4 = 74$$

$$= 14n + 18, \quad 14n + 18 = 74; n = 4.$$

-2. :



2-



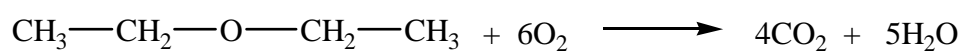
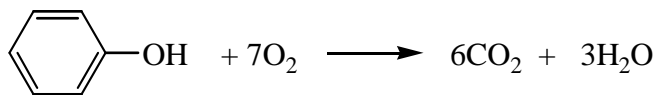
-2

2	4
	3
	3
-2 ,	9
3	
,	1
	3
	3
	25

2.

2.1.

:



2.2.

$$n(\text{C}_6\text{H}_5\text{OH}) = 0.03 \times 157 / 94 = 0.05$$

$$n(\text{CH}_3\text{CH}_2\text{OCH}_2\text{CH}_3) = 0.97 \times 157 / 74 = 2.06$$

$$H(\text{cm}) = -3064 \times 0.05 = -153.2$$

$$H(\text{cm}) = -5699 - (-153.2) = -5545.8$$

$$1 \quad -5545.8 / 0.97 \times 157 = -36.42$$

(2)	4
3 .	6
	6
	4
1	5
	25

3.

3.1.

,
(n).

m_0 , :

$$m_0 + (\text{cm}) \cdot n = 104.328 \quad (1)$$

$$m_0 + 44 \cdot n = 104.538 \quad (2)$$

$$m_0 + M(A) \cdot n = 104.243, \quad (3)$$

$$M(\text{cm}) - \quad , M(A) -$$

(2) (1) (3), :

$$(44 - M(\text{cm})) \cdot n = 0.210 \quad (4)$$

$$(44 - M(A)) \cdot n = 0.295 \quad (5)$$

(4) (5):

$$\frac{44 - M(\text{cm})}{44 - M(A)} = \frac{0.210}{0.295}$$

$$M(\text{cm}) = 1.4 \cdot M(A) - 17.8$$

:

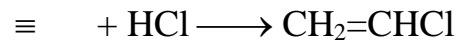
$$(29 / \quad) M(A) = 22.8 /$$

$$(32 / \quad) M(A) = 27.0 /$$

$$24.3 - 28.2 /$$

$$26 /$$

:



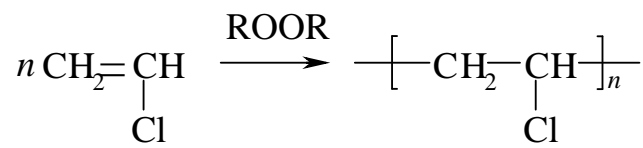
B

$$(40 - 70)$$

$$5 - 10$$

),

:



(C)

	16
, B - 1	3
A → B, B → C - 2	4
	2
	25

4.

4.1.

:

1).

:



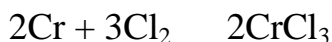
2).

(III):



3).

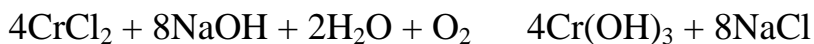
:



4).

(II)

:



5).

(II)

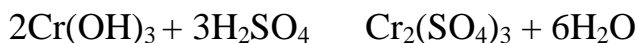
:



6).

(III)

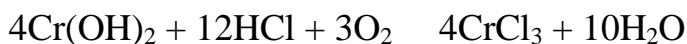
:



7).

(II)

:

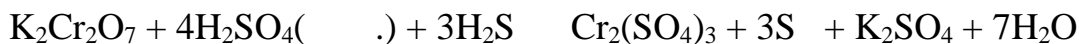
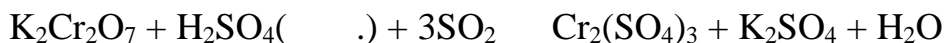


8).

, , (III),

,

:



9).

:



4.2.

:

CrCl_2 - (II);
 Cr(OH)_2 - (II);
 Cr(OH)_3 - (III);
 $\text{Cr}_2(\text{SO}_4)_3$ - (III);
 CrCl_3 - (III);
 $\text{K}_2\text{Cr}_2\text{O}_7$ - () .

	2
(III)	3
	2
(II)	3
(II)	2
(III)	2
(II)	3
	2
	3
(0.5)	3
	25

