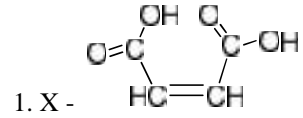


...

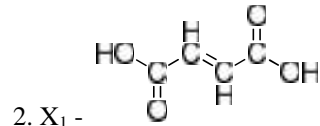
: 100

11-1 (16)

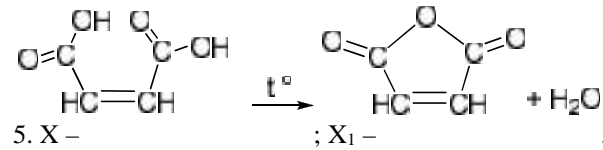
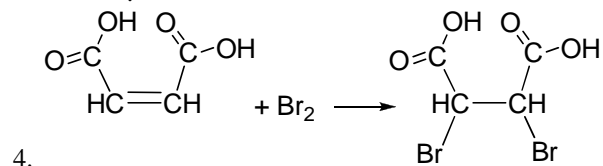


M = 1 / (46,9 · 1,05 · 0,028 / 160) = 116 /

26, CH=CH.



3. X₁,



X - 5 (1);
 X₁ - 3 ; 3
 - 3 , - 1 ;
 - 1 (2) (4) ;

(NO₃) = 63 / , m(NO₃) = 63 · 0,042 = 2,65

: 100 - 0,38 + 2,65 = 102,27

(NO₃) = 2,65 / 102,27 = 0,0259 2,59 %.

: - 2 - 3

- 2

- 2

- 2

$$\begin{cases} 272,16 + 2,52y = 2,87x + 5,74y \\ 2,52x + 151,2 = 2,3x + 4,6y \\ 2,87x + 3,22y = 272,16 \\ 2,3y - 0,11x = 75,6 \end{cases}$$

$$0,11x = 2,3y - 75,6$$

$$x = \frac{2,3y - 75,6}{0,11}$$

$$\frac{2,87(2,3y - 75,6)}{0,11} + 3,22y = 272,16$$

$$6,601y - 216,972 + 0,3542y = 29,9376$$

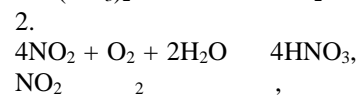
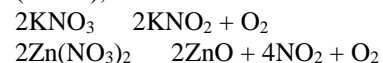
$$6,9552y = 246,9096$$

$$y = 35,5$$

$$x = (2,3 \cdot 35,5 - 75,6) / 0,11 = 55$$

11-6 (15)

1. $(10 -)$, .



$$n(\text{ }) = 0,673 / 22,4 = 0,03$$

$$3. n(\text{KNO}_3) = 2 n(\text{ }) = 0,06$$

$$m(\text{KNO}_3) = 101 / \quad , m(\text{KNO}_3) = 0,06 \times 101 = 6,06 .$$

$$: 10 - 6,06 = 3,94 .$$

4. , ,

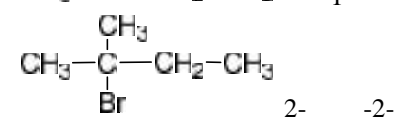
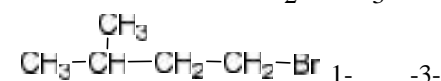
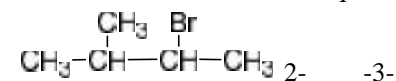
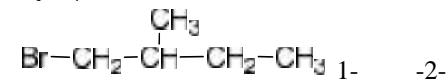
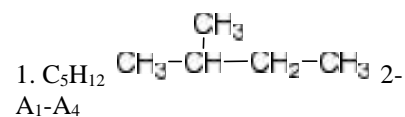
$$m(\text{Zn}(\text{NO}_3)_2) = 189 /$$

$$n(\text{ }) = \frac{1}{2} n(\text{NO}_2) = n(\text{Zn}(\text{NO}_3)_2) = 3,94 / 189 = 0,021$$

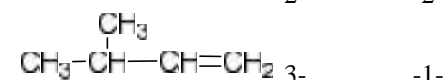
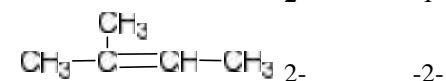
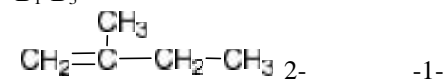
$$m(\text{ }) = 0,021 \cdot 18 = 0,38 -$$

$$n(\text{NO}_3) = 2 n(\text{ }) = 2 \cdot 0,021 = 0,042$$

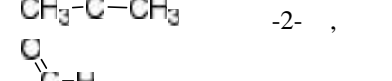
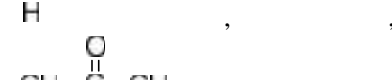
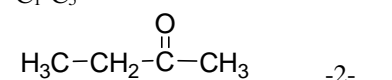
11-2 (20)



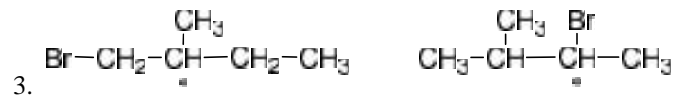
B₁-B₃



C₁-C₅



2. 2- ()



(6,5); (13 - 0,5) - 0,5 (6,5)

2 - 3; 3 -

11 - 3 (15)

+ Ag₂O AgC CAg + 2

(AgC CAg) = 48 / 240 / = 0,2

() = (AgC CAg); () = 0,2

() = 13,44 × 1 / 22,4 = 0,6

() + () = 0,6 - 0,2 = 0,4

m() = 1230 - 1213 = 17

m() = 0,2 × 26 / = 5,2

m() + m() = 17 - 5,2 = 11,8

m() = 11,8 -

() = / 30; () = (11,8-)/28

/30 + (11,8-)/28 = 0,4. = 9

() = 9 / 30 / = 0,3

() = 0,6 - 0,2 - 0,3 = 0,1

V() = (0,2 × 22,4)/1 = 4,48

V() = (0,3 × 22,4)/1 = 6,72

V() = (0,1 × 22,4)/1 = 2,24

() = (4,48 / 13,44) × 100% = 33,3%

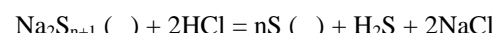
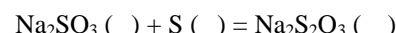
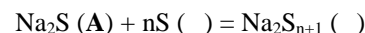
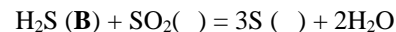
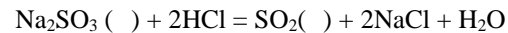
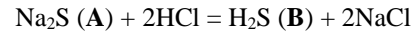
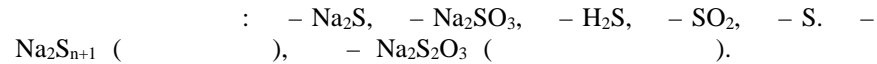
() = (6,72 / 13,44) × 100% = 50,0%

() = (2,24 / 13,44) × 100% = 16,7%

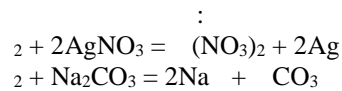
: 50 % , 16,7 % , 33,3 %



11-4 (14)



11-5 (20)



n(AB₂) = $\frac{2,52}{x+2y}$

n(AgB) = $\frac{5,7}{1+y}$

n(AB₂) = $\frac{n(\text{AgB})}{2}$

$\left\{ \begin{array}{l} \frac{2,5}{x+2y} = \frac{5,7}{2(1+y)} \\ \frac{2,52}{x+2y} = \frac{2,3}{x+6} \end{array} \right.$

(15,04 / 2 = 2,52)

$\left\{ \begin{array}{l} \frac{2,5}{x+2y} = \frac{2,8}{1+y} \\ \frac{2,52}{x+2y} = \frac{2,3}{x+6} \end{array} \right.$