

11

1. 10

1	2	3	4	5	6	7	8	9	10
4	4	4	2	2	3134	1346	1	1	1

2. 12

1)

$$6,75 - 3,48 = 3,27 \quad (1)$$

2)



$$(\text{H}_2) = 1,12 / 22,4 = 0,05 \quad , \quad (\text{Me}) = 0,05 \quad (1)$$

$$M(\text{Me}) = 3,27 / 0,05 = 65 \quad / \quad - \quad (1)$$

$$3) \quad 3,48 - 2,22 = 1,26 \quad (1)$$

4)

$$0,504 / 22,4 = 0,0225$$

$$\cdot \quad (1)$$

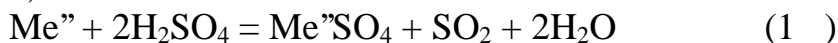
5)



$$6) (\text{Me}') = (\text{H}_2) = 0,0225 \quad (1)$$

$$M(\text{Me}') = 1,26 / 0,0225 = 56 \quad / \quad - \quad (1)$$

7)



$$8) (\text{Me}'') = (\text{SO}_2) = 0,784 / 22,4 = 0,035 \quad (1)$$

$$M(\text{Me}'') = 2,22 / 0,035 = 63,4 \quad / \quad - \quad (1)$$

3. 11

1)

$$V_1 -$$

$$V_0 = \frac{1 \cdot 1 \cdot 2}{2} \approx 1200 \text{ л} \quad (1)$$

$$V_2 -$$

$$V_0 = \frac{P \cdot T_0}{P_0 \cdot T} = \frac{1 \cdot 6 \cdot 4 \cdot 2}{1 \cdot 2} = 599,5 \approx 600 \text{ л} \quad (1)$$

$$V_3 -$$

$$V_0 = \frac{P \cdot T_0}{P_0 \cdot T} = \frac{2 \cdot 2 \cdot 2}{2} = 199,895 \approx 200 \text{ л} \quad (1)$$

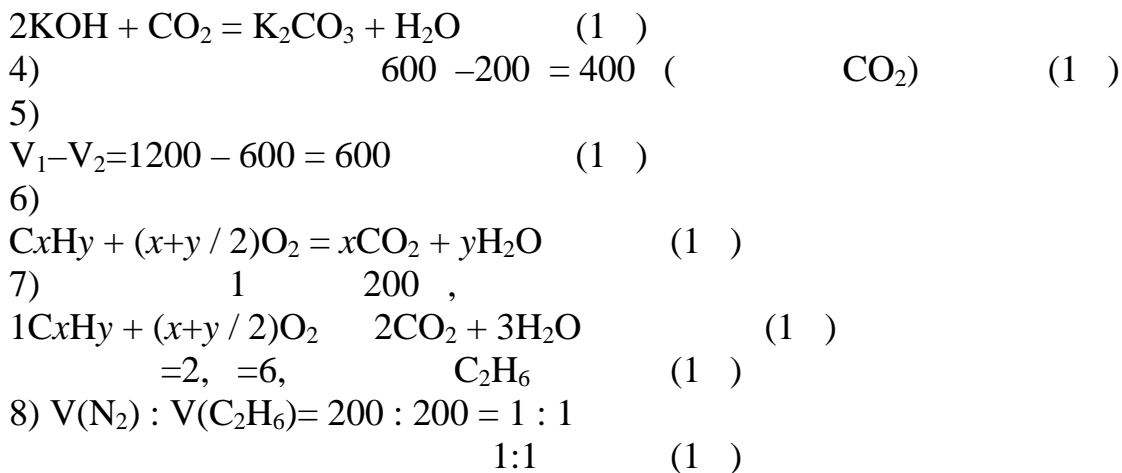
2)

$$(1)$$

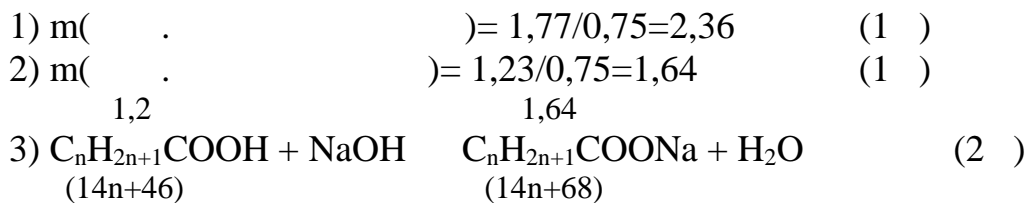
$$, \quad = 200 \quad , \quad 200 \quad .$$

3)





4. 9



$$3) \frac{1,2}{14n + 46} = \frac{1,64}{14n + 68}$$

$$6,16n = 6,16$$

$$n=1, \text{CH}_3\text{COOH} \quad (1)$$

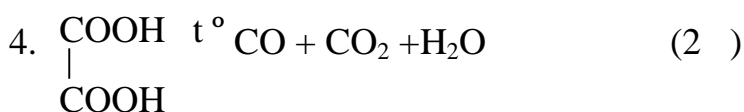
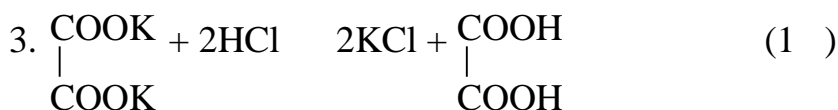
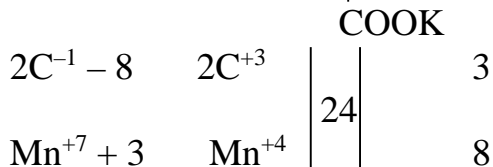
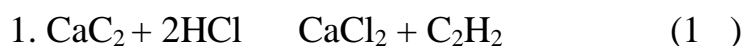
4) $(\text{CH}_3\text{COOH}) = (\text{CH}_3\text{COONa}) = 1,2/60 = 0,2$ (1)

5) $M(\text{CH}_3\text{COONa} \cdot x\text{H}_2\text{O}) = 2,36/0,2 = 118$ / (1)

$M(\text{CH}_3\text{COONa}) = 82$ / (1)

6) $m(\text{H}_2\text{O}) = 118 - 82 = 36 = 2 \cdot 18$
 $\text{CH}_3\text{COONa} \cdot 2\text{H}_2\text{O}$ (1)

5. 6

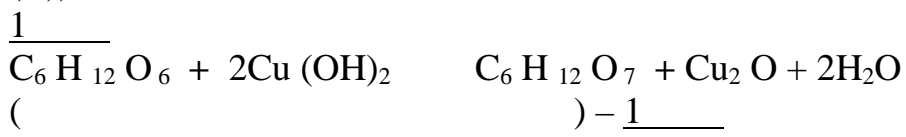
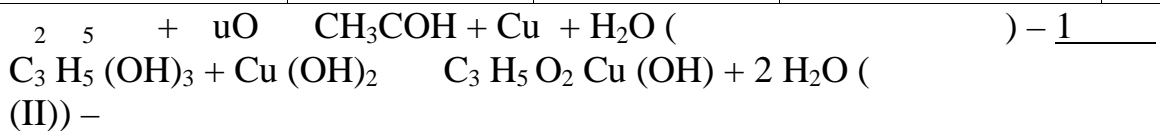


6. 10

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	1	2	3	
	,	,	,	1 - 2 - 3 -
	(II), ;	(II) , . - .	(II) - . - .	2 - 1 - - 3 .



:

- 1) 1
- 2) 1
- 3) 1
- 4) 1
- 5) 1