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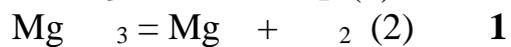
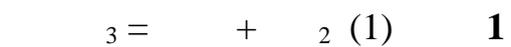
1.

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

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2.

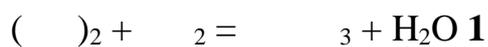
1.



2.

$$83 - 24 = 59 \quad \mathbf{1}$$

3.



4.

$$0,5 \quad (50/100) \quad 0,5$$

5.

$$2 \cdot 44 \cdot 0,5 = 22(x_1) \quad \mathbf{1}$$

6.

$$59 - 22 = 37(x_1) \quad \mathbf{1}$$

7.

$$83 - 37 = 46(x_1) \quad \mathbf{1}$$

/

1

100 /

84

8.

$$100 + 84(0,5 - x_1) = 46 \quad \text{Mg} \quad x_3 = 0,25 \quad \mathbf{1}$$

9.

$$25, \quad 21 \cdot \mathbf{1}$$

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25 ,

21 ,

37 .

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3.

1.



2.

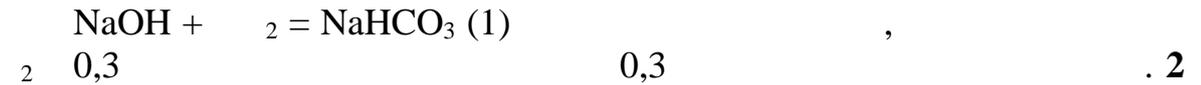
$$0,3 \text{ mol} \cdot 22,4 \text{ l/mol} = 6,72 \text{ l}$$

3.

$$200 \cdot 0,1 = 20 \text{ g}, \quad 20 / 40 = 0,5 \text{ mol}$$

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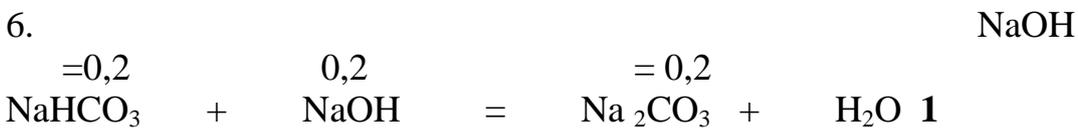
4.



5.

$$0,5 - 0,3 = 0,2 \text{ mol}$$

6.



7.

$$0,3 - 0,2 = 0,1 \text{ mol NaHCO}_3$$

8.

$$m \cdot \text{NaOH} + m \cdot \text{H}_2\text{O} = 200 + 44 \cdot 0,3 + 18 \cdot 0,4 = 213,92 \text{ g}$$

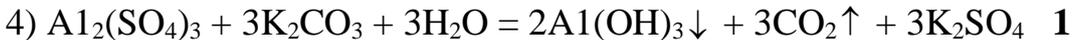
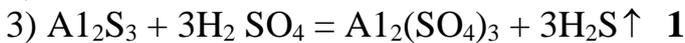
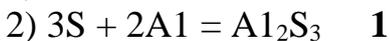
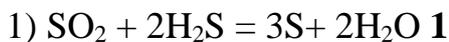
9.

$$W \text{ Na}_2\text{CO}_3 = 21,2 / 213,92 = 0,099 \quad W \text{ NaHCO}_3 = 8,4 / 213,92 = 0,039$$

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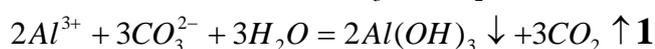
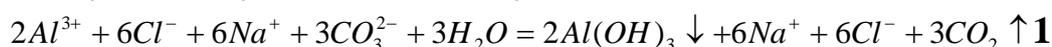
4.

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5.



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