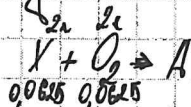


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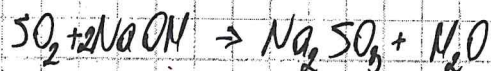
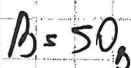
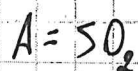
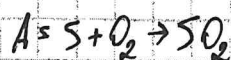
Задача 8-1



$$n(O_2) = \frac{2L}{32 \text{ г/моль}} = 0,0625 \text{ моль}$$

$$M(X) = \frac{2L}{0,0625 \text{ моль}} = 32 \text{ г/моль}$$

X - S

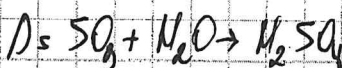
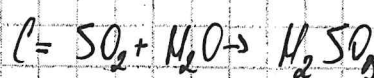
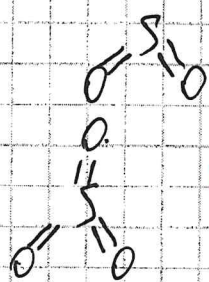


$$SO_2 = 4,48 \text{ г}$$

$$n(SO_2) = \frac{4,48}{22,4} = 0,2 \text{ моль}$$

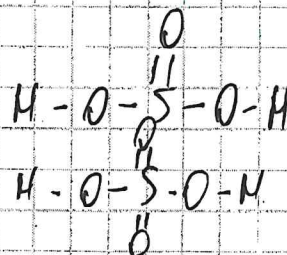
$$m(NaOH \text{ р-ра}) = 86 \text{ г}$$

$$\omega(NaOH) = 16\%$$



C - сернистая кислота

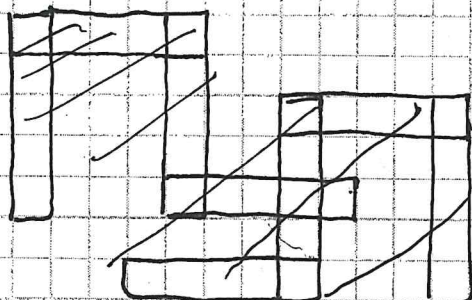
D - серная кислота



45

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		Шифр	918309

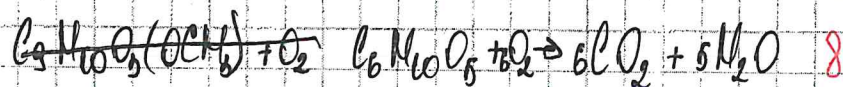
Задача 8-2



8	-	5	=	8
-			+	5
6			=	10
2	14	8	+	4
-			=	12
4	-	4	=	6
=		+		
4	4	+	6	=
		=		10
4	-	2	=	5
			+	
			=	
				9
				9

a = 8	d = 4	g = 1	n = 4	s = 4	y = 6
b = 10	e = 8	k = 14	o = 4	t = 2	z = 8
c = 5	f = 1	m = 4	p = 5	x = 6	

Задача 8-4



$$\Delta_f H^\circ = -286 \text{ кДж/моль}$$

$$\Delta_f H^\circ = -394 \text{ кДж/моль}$$

$$\Delta_f H^\circ = -1080 \text{ кДж/моль}$$

$$5 \cdot (-286) + 5 \cdot (-394) + 1080 = -1480 - 1970 + 1080 = -2370 \text{ кДж/моль}$$

Задача 8-5

X - Fe $\text{Fe} = 2\text{Fe} + \text{C}$

Y - O₂

A - Fe