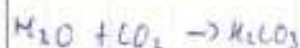
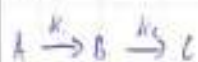


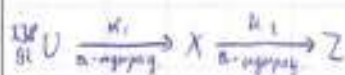
44.



$$k_2 O(t) = \frac{O_1}{\omega_2 - \omega_1} (e^{\omega_1 t} - e^{\omega_2 t}) H_2 \text{ mol l}^{-1}$$

$$H_2 - \text{несы} (4) \text{ mol l}^{-1}$$

$$k_2(t) = 2 \text{ mol l}^{-1} e^{-0.2 t}$$



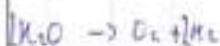
$$M(U) = 50 \text{ g}$$

$$t = 30 \text{ сек.}$$

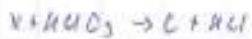
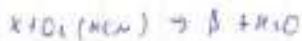
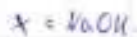
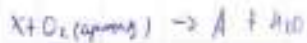
$$k_1 = 0.034 \text{ сек}^{-1}$$

$$k_2 = 0.057 \text{ сек}^{-1}$$

45.



№1



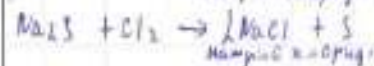
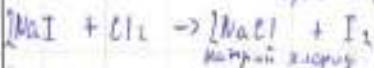
№2.

X (метал)

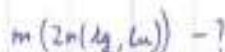
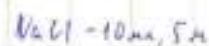


ω (метал) = 68,4%

№3 3.1.



3.2



3.3.

