

№ 3

1- ~~1000~~ $1,7 \text{ кг}$

2- ~~1000~~ $Q_1 = 25^\circ \text{C}$

$t_2 = 100^\circ \text{C}$

$Q = 4188 \text{ Дж} \cdot \text{K}^{-1} \cdot \text{K}$

$Q = 1,7 \cdot 10 \cdot 75 = 15160 \text{ Дж}$

~~$Q = 1,7 \cdot \Delta t = 4188 \cdot 100 - 25 = 75$~~

$$\left(\begin{array}{l} \frac{4188 \cdot 3,76 \cdot 10^5}{3,76 \cdot 10^8 : 4188} \end{array} \right)$$

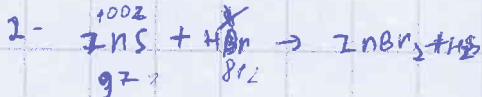
$$\left(\begin{array}{l} \frac{1}{1} = 20000 = 1000 \\ \frac{0,108 \cdot 10^8}{0,15 \cdot 10^8} \end{array} \right)$$

№1

$$1 - \frac{m}{M(Zn)} = \frac{30}{100} \cdot 100\% = 30\% \quad \text{қышқыл} = 30\%$$

ZnS

$$\omega(Zn) = \frac{m(Zn)}{M(ZnS)} \cdot 100\% = \frac{70}{100} \cdot 100\% = 70\% \quad \text{мырыш} = 70\%$$

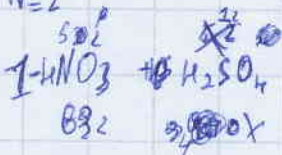


$$\begin{array}{l} H + Br = 81 \quad Zn + S = 92 \\ 1\% \quad 80\% \quad 65 \quad 32 \end{array}$$

$$x = \frac{100 \cdot 81}{97} = \frac{8100}{97} = 83,5\%$$

3 - 0,8054

№2



$$12540/2 = 18,9$$

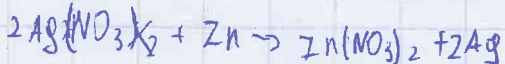
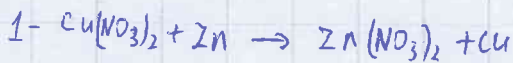
2 - NaCl - 20%

$\rho = 1,219 \text{ г/см}^3$

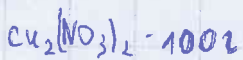
NaCl = 152



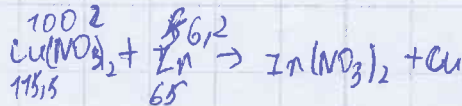
№4



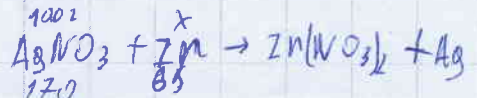
2-



Zn = ?



$$\frac{100 - 65}{175,5} = 56,2 \quad \times 87,2$$



$$\frac{100 - 65}{170} = 20,6$$