

№1 есеп
Сериямен

№4 есеп



2)

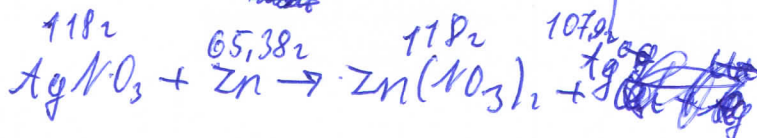
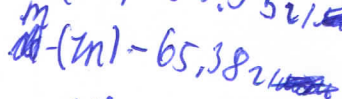
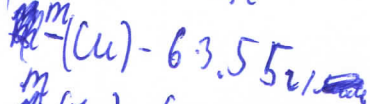
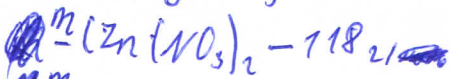
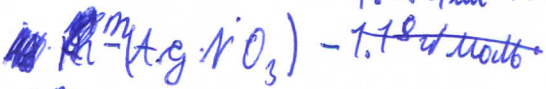
№1 есеп

1. Массалық үлестері: $\text{Zn} - 70\%$
 $\text{S} - 30\%$

2.

№4 есеп

2) Сер



$$1.18 \text{ г} \cdot 100 = 118 \text{ г}$$

$$m = 107.9 \text{ г}$$

Қалғаны м:

№2 есеп

$$1. M - (N_2) - 28 \text{ г/моль}$$

$$m - (N_2) - 5 \text{ г}$$

$$n = \frac{5 \text{ г}}{28 \text{ г/моль}} = 0.178 \text{ моль}$$

Күкірт қышқылының молекулында 2 атом азот бар

$$0.178 \text{ моль} \cdot 28 \text{ г/моль} \cdot 2 = 9.944 \text{ г}$$

$$\text{мағыбы: } 9.944 \text{ г}$$

2.

$$5 \text{ г} + 9.944 \text{ г} = 14.944 \text{ г}$$

$$1.219 \text{ г/мл} \cdot 100 \text{ мл} = 121.9 \text{ г}$$

$$\frac{14.944 \text{ г}}{121.9 \text{ г/мл}} \cdot 100\% = 122 \text{ мл}$$

$$m = 122 \text{ мл}$$

№3 есеп

$$1) \text{ } \left. \begin{array}{l} \text{сер} \\ m - \text{су} - 1.7 \text{ кг} \\ c = 4186 \text{ Дж/кг} \end{array} \right\}$$

$$Q = m \cdot c \cdot \Delta T = 1.7 \text{ кг} \cdot 4186 \text{ Дж/кг} \cdot 100^\circ\text{C} - 25^\circ\text{C} =$$

$$523,950 \text{ Дж}$$

$$\text{мағыбы: } 523,950 \text{ Дж}$$

$$2) \text{ } Q = m \cdot L_f = 350 \text{ г} \cdot 3.36 \cdot 10^5 \text{ Дж/кг} = 117,600 \text{ Дж}$$

$$\text{мағыбы: } 117,600 \text{ Дж}$$

$$R = \frac{Q}{t} = \frac{kA(t_c - T_x)}{d} = \frac{117,600 \text{ Дж}}{25^\circ\text{C}} = \frac{4704 \text{ Вт}}{1}$$

3) 22 болса