

1-маңсұрма

$$1. M(NH_3 + H_2O) = 20\% \quad \left| \quad NH_3 + H_2O = 63 \text{ г} \right.$$

$$m_{\text{қзгі}} = 80 \text{ г} \quad \left| \quad m = 63 \cdot 20 \cdot 80 = 15,75 \text{ г} \right.$$

$$2. NH_3 = 17,42$$

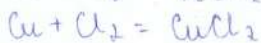
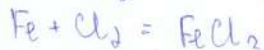
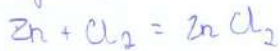
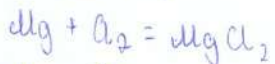
$$H_2O = 18$$

2-маңсұрма

$$1. M(C_2H_4O_2) = 12 \cdot 2 + 1 \cdot 4 + 16 \cdot 2 = 24 + 4 + 32 = 60 \text{ г}$$

$$2. V = \frac{3}{60} = 0,2 \text{ л моль}$$

3-маңсұрма



4-маңсұрма

$$m = 3,82 \cdot 10^{24}$$



Large empty rectangular area for filling in solutions.