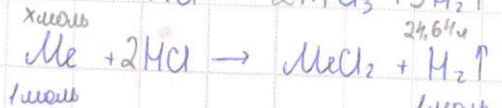


$$\omega = \frac{m_{\text{в}}}{m_{\text{р}}} \cdot 100$$



22,4 г  
22,4 г

$$\frac{x}{1} = \frac{24,64}{22,4}$$

$$x = \frac{1 \cdot 24,64}{22,4} = 1,1 \text{ ммоль}$$

$$V(\text{H}) = 1,1 \cdot 1,25 = 1,375 \text{ ммоль}$$

II  
Me - Be, Mg, Ca, Sr, Ba или Ra



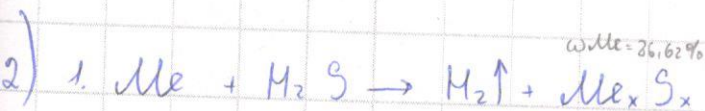
$$\omega = \frac{V_{\text{в}}}{V_{\text{р}}} \cdot 100$$

$$V_{\text{р}} = \frac{V_{\text{в}} \cdot 100}{\omega}$$

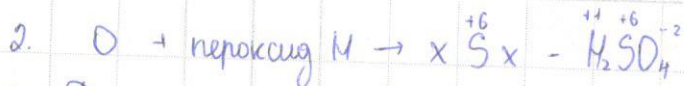
$$m = V \cdot M = 2 \cdot 56 = 112 \text{ г}$$

$$V_{\text{в}} = \frac{m}{\rho} = \frac{112}{1,185} \approx 94,5 \text{ г}$$

$$V_{\text{р}} = \frac{94,5 \cdot 100}{25} = 378 \text{ г}$$



$\omega_{\text{Me}} = 26,62\%$



3. Дано:

$$V(\text{H}_2\text{O}) = 100 \text{ г}$$

$$\rho = 1 \text{ г/г} = 1000 \text{ г/мл}$$

$$\text{раств} = 0,0032 \text{ г}$$

$$C_{\text{м}} = ?$$

Решение:

$$C_{\text{м}} = \frac{V \cdot \rho \cdot \text{раств}}{100} = \frac{100 \cdot 1000 \cdot 0,0032}{100} = 3,2$$

$$4. \quad 20 \text{ ұр} - 1916 \text{ л}$$

$$1,25 \text{ ұр} - ? \text{ л}$$

$$1916 + 33,8 = 2004,8 \text{ жж}$$

Омлет: 6 2004 жж

першаг полур. - 22,2 л. (распад полев.)

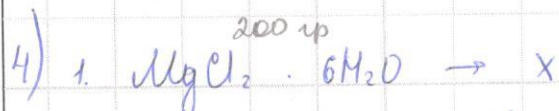
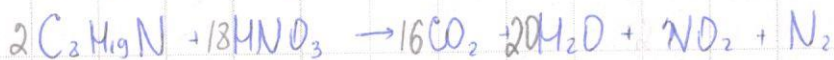
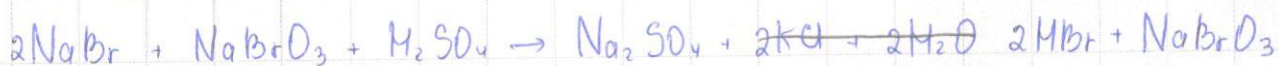
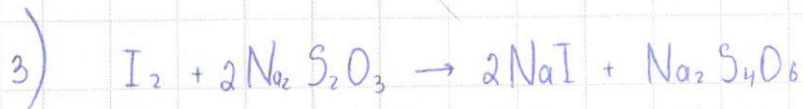
$$20 : 2 = 10$$

$$10 : 2 = 5$$

$$5 : 2 = 2,5$$

$$2,5 : 2 = 1,25$$

$$22,2 \cdot 4 = 88,8 \text{ лет}$$



$$m = 200 - (65,8 + 54,8) = 200 - 120,6 = 79,4 \text{ ұр}$$

$$65,8 - 80$$

$$54,8 - 20$$

2. X нагрети при 300°C

