



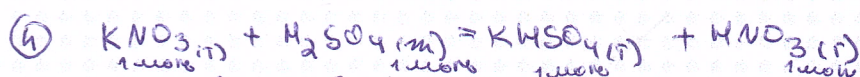
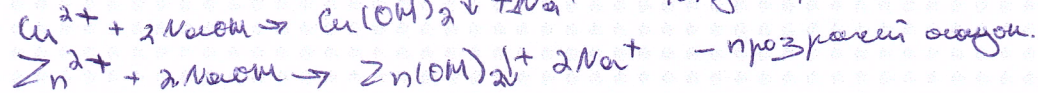
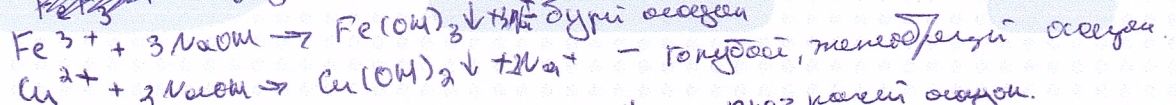
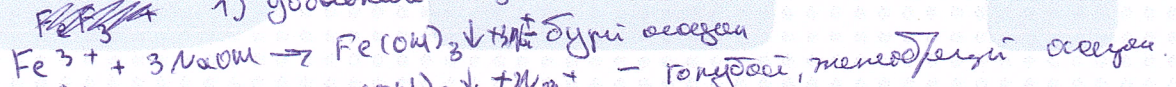
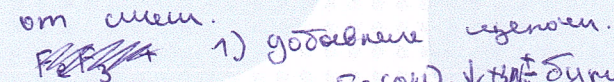
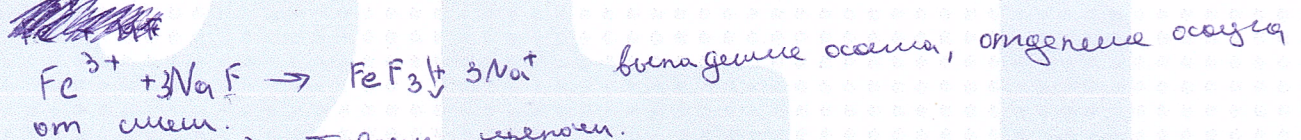
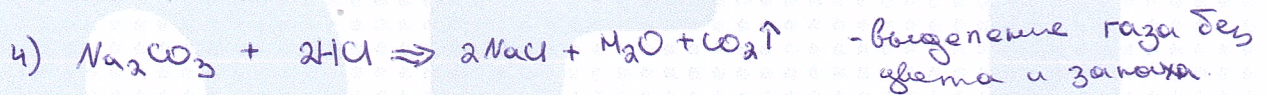
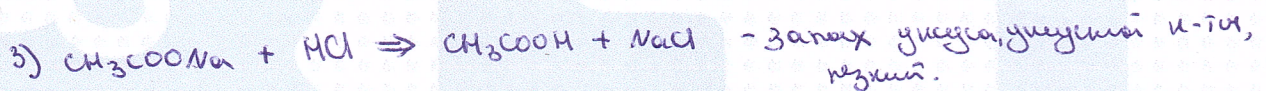
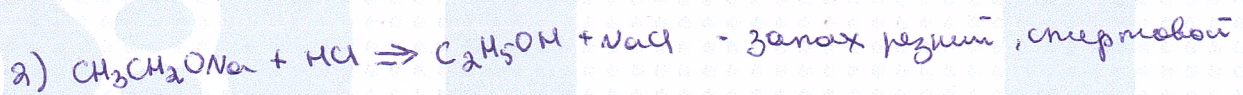
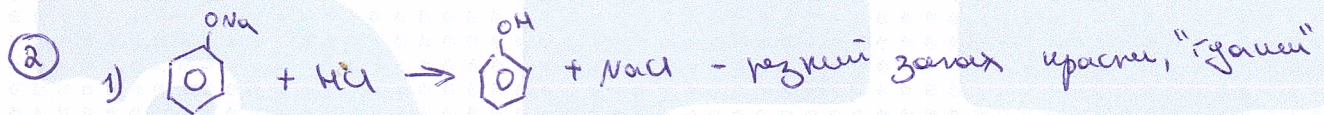
Дата 02.04.2026

№ участника 223-3

Подпись Г. Ю. Ив.

① $\text{Ca}(\text{HCO}_3)_2$ $V(\text{p-ра}) = 0,8 \text{ л}$
 $m(\text{Ca}(\text{HCO}_3)_2) = 3 \cdot 0,8 = 2,4 \text{ мг}$

Ответ: 2,4 мг.



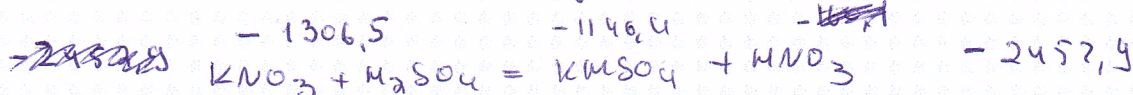
$m(\text{HNO}_3) = 1 \text{ кг} = 1000 \text{ г}$ $m_1(\text{HNO}_3) = 800 \text{ г}$

$\omega_1(\text{HNO}_3) = 80\%$

$M(\text{HNO}_3) = 1 \cdot 16 \cdot 3 + 14 = 63 \text{ г/моль}$

$n(\text{HNO}_3) = \frac{800 \text{ г}}{63 \text{ г/моль}} = 12,7 \text{ моль}$

$m_2(\text{HNO}_3) = 200 \text{ г}$ $n(\text{HNO}_3) = \frac{200 \text{ г}}{63 \text{ г/моль}} = 3,17 \text{ моль}$



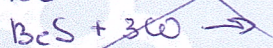
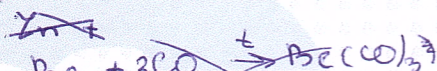
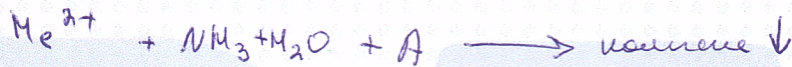
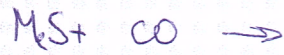
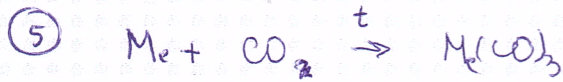
Ответ: - 2452,9



Дата 02.04.2026

№ участника 223-3

Подпись *Г. Давыдов*

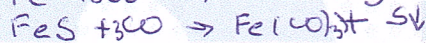
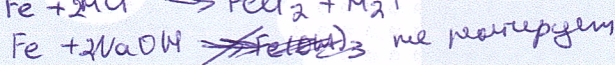
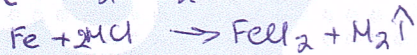
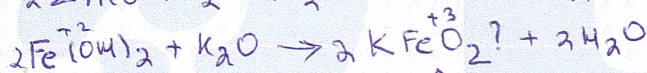
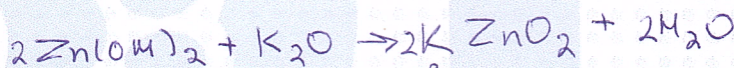


M_e - металлы, амфотерн.

Zn, Be, Al.

Fe, Mn, Cr

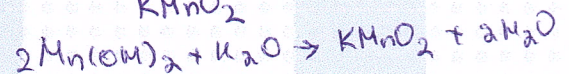
Zn - улам.



Fe^{+2}, Fe^{+3}

Fe - металл

$KMnO_2$



Mn + CO

Омлет: этот металл - ~~Zn~~ Fe Mn

