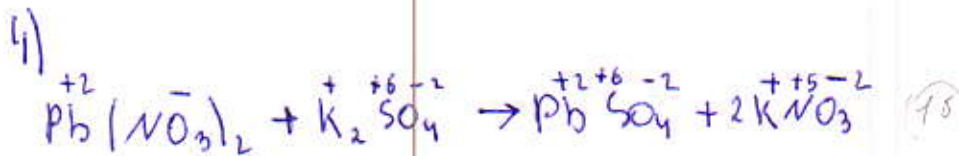
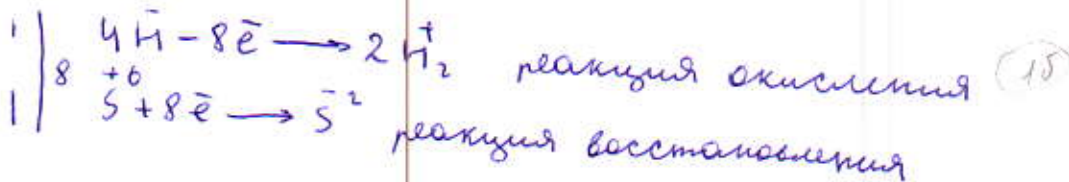
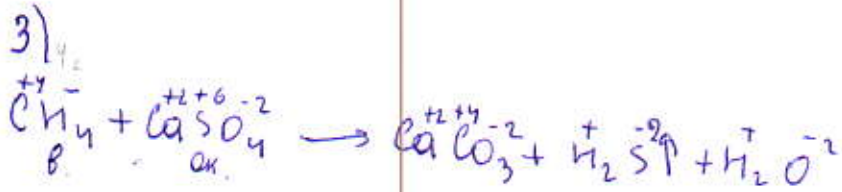
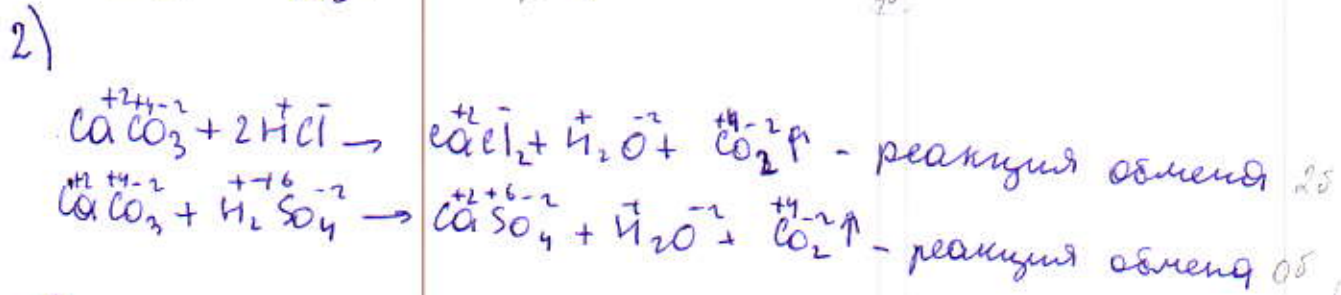
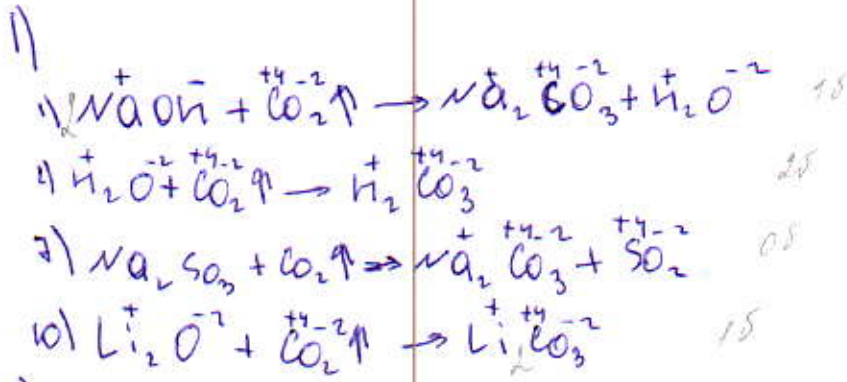


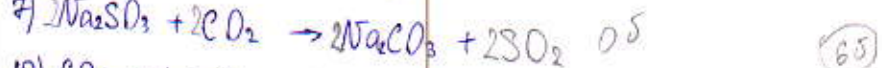
X-9.1



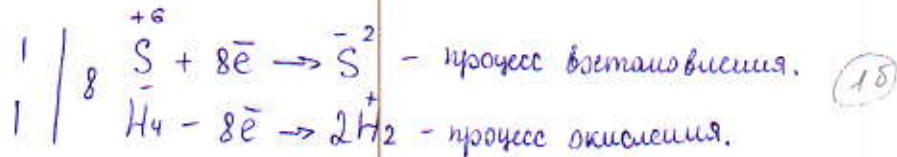
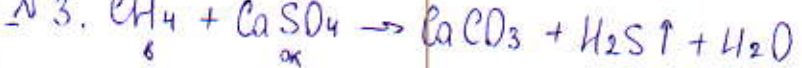
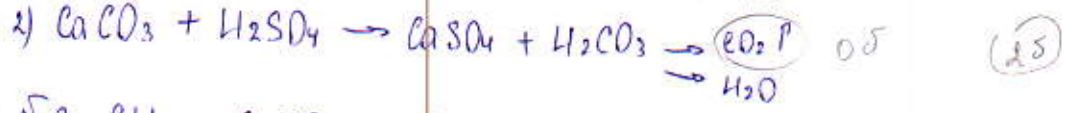
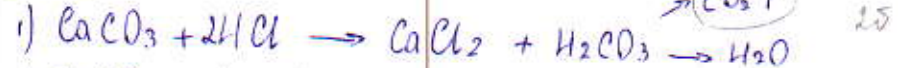
итого : 85

X - 9.2.

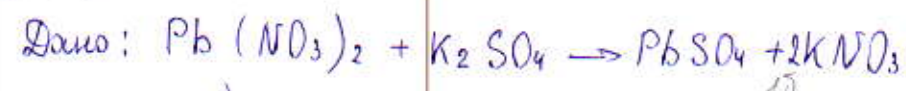
№1.



№2:



№4.



$m(\text{р-ра}) = 150 \text{ г}$

$m(\text{б-ва осадка}) = 3.03 \text{ г}$

Решение:

$M(PbSO_4) = 207 + 16 \cdot 4 + 32 = 303 \text{ г/моль}$

$n(PbSO_4) = \frac{m}{M} = \frac{3.03 \text{ г}}{303 \text{ г/моль}} = 0.01 \text{ моль}$

$n(PbSO_4) = n(Pb(NO_3)_2) = 0.01 \text{ моль}$

$m(Pb(NO_3)_2) = n \cdot M = 0.01 \text{ моль} \cdot 331 \text{ г/моль} = 3.31 \text{ г}$

$M(Pb(NO_3)_2) = 207 + 16 \cdot 6 + 14 \cdot 2 = 331 \text{ г/моль}$

$w(Pb(NO_3)_2) = \frac{3.31 \text{ г}}{150 \text{ г}} \cdot 100\% = 2.2\%$  (5.5)

Ответ:  $w(Pb(NO_3)_2) = 2.2\%$

Умова: 145