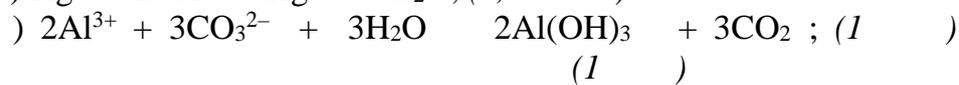
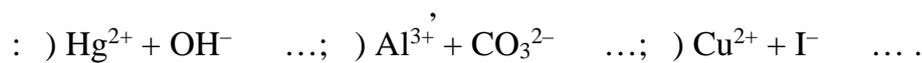


1

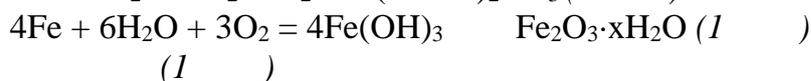
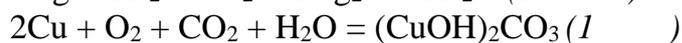


5

(I). (1)

2

(II),



5

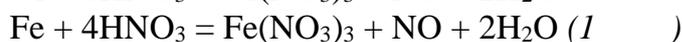
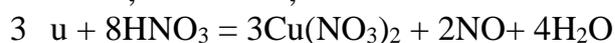
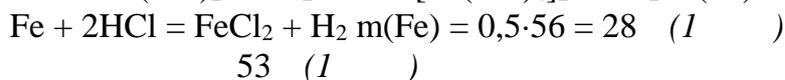
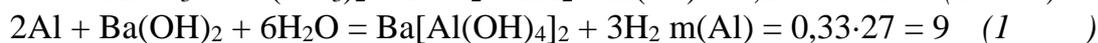
3

- 11,2 .

1)

2)

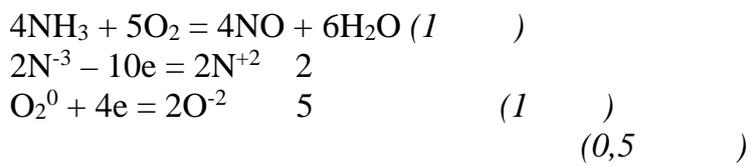
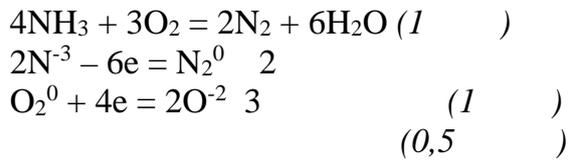
$n(\text{Cu}) = 11,2/22,4 = 0,5$



5

4

– (II)



5

5

	100		100		50,5
50 ⁰					
100		0 ⁰	HCl	40	59,6 50 ⁰

$$m(\text{HCl}) = (50,5/22,4) \cdot 36,5 = 82,3 \quad (I)$$

$$w(\text{HCl}) \quad 0 = 82,3/182,3 = 0,451$$

$$w(\text{HCl}) \quad 50 = 59,6/159,6 = 0,373$$

$$m(\text{HCl}) \quad 0 = 0,451 \cdot 40 = 18 \quad (I)$$

$$0,373 = (18 -) / (40 -), \quad = 4,9 \quad (2)$$

$$40 - 4,9 = 35,1 \quad (I)$$

5