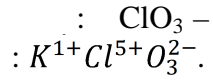


« » 2012-2013

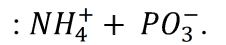
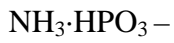
1.

, , - : « ' , , , ».

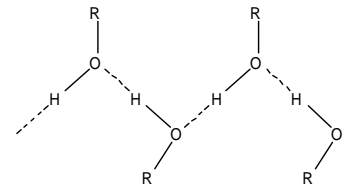
2.



3.



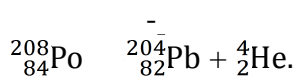
4.



5.

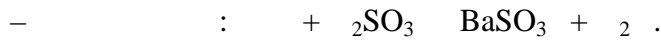
, , - , - AgCl.

6.

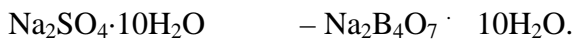


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7.

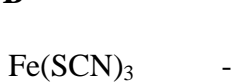


8.



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9. B

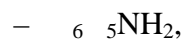


10.



11.

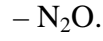
1842 . . .



12.

, .

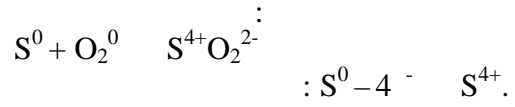
13.



14.



15.



16.

(Cs), (Fr), (Li), (Na), (K), (Rb),

17.

- , ()⁺ ,
- , ()⁻ .

18.

, ,

19.

.

20.

, , nH_{2n-6}.

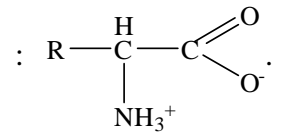
21.

, , .

22.

.

23.



24.

, .

25.

26.

.

27.

6 5 .

28.

- Cl₃C-COOH.

29.

30.

() ().

31.

3 5()₃.

32.

33.

34.

R-COO-R' - R-CO-R' - R-COO - R-O-R' -

35.

36.

H - , H₂SO₃ - , S₂ - , HPO₃ - , HNO₃ -

37.

38.

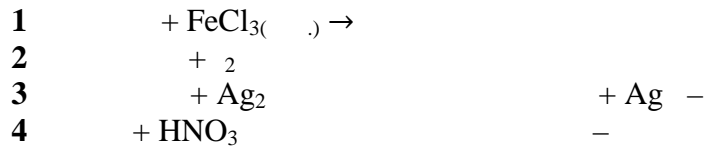
39.

4 10.

2 2.

40.

41. 1, 2, 3, 4



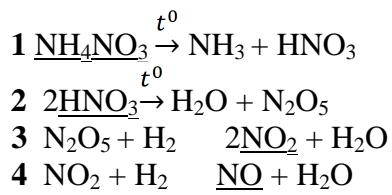
42. 1, 2, 3, 4

43. 1, 2, 3, 4

44. 1, 2, 3, 4

45. 1, 2, 3, 4

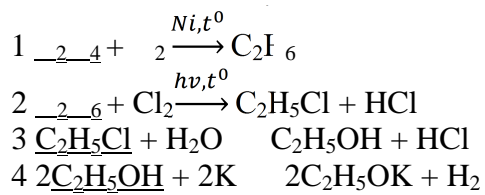
() :



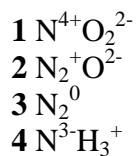
46. 1, 2, 3, 4

1
2
3
4

47. 1, 2, 3, 4

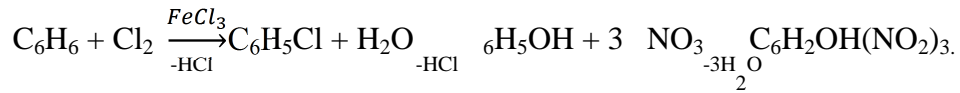
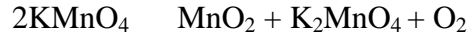


48. 1, 2, 3, 4

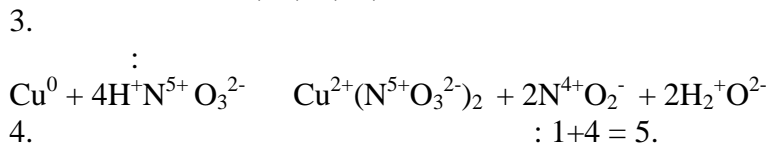
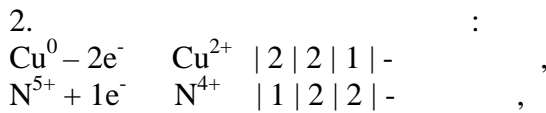
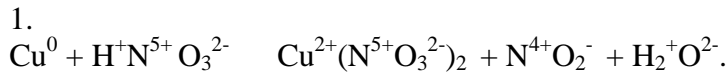


49. 1, 2, 3, 4

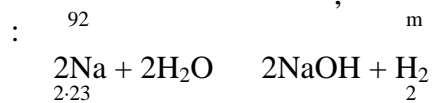
1
2
3
4

50.1, 2, 3, 4**51.5**

5.

52.5**53.7**

10,

3
: 10 - 3 = 7.**54.4**

$$m(\text{H}_2) = \frac{92 \cdot 2}{2 \cdot 23} = 4.$$

55.5

, y, z.

: : : O_z

$$-x:y:z = \frac{40}{40} : \frac{12}{12} : \frac{48}{16}$$

$$: : z = 1:1:3.$$

3.

$$1+1+3=5.$$

56.5

