



**1.**

20%, 2 10% 2  
 ? 1 .

1. 1- - 2000\* 0,10 = 200 ( );
2. 2- - 2000\* 0,20 = 400 ( );
3. - 600 ( );
4. - 2 + 2 + 1 = 5( );
5. - (600:5000)\*100 =16%.

- 10 ( 2 )

**2.**

4,8

(Na=6,02\*10<sup>23</sup>).

1. N ( ) = 4,8/161= 0,03 ,

2.

- 0,12 .

3. 0,12 \*6.02\*10<sup>23</sup> 7 \*10<sup>22</sup> .

4 , 12 .  
 - 12

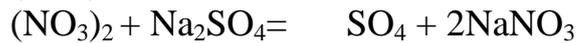
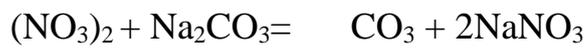
**3.**

2,54 ,

3,01

1. ( - ),

2 .



2. CO<sub>3</sub> +60 2,54

3. SO<sub>4</sub> +96 3,01

4. 137 ( )

(2-4) 2 = 6

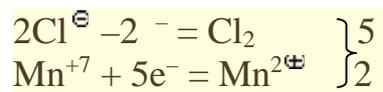
- 10.



9

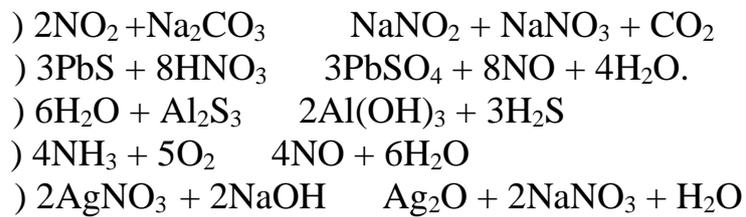
4.

(2 ) (4 ), (2 )



- 8.

5



- 10.

(II).

1.

( )



9

2.

( )

3.

(II)

4.

(

-1 ;  
- 1 ,

-  
( )  
.  
- 1 ;  
- 8 ).

-8.