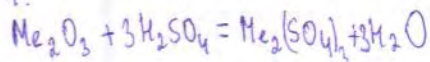


При недостатке места для ответа попросите у организатора (дополнительный бланк ответов № 2).

- Шаги
 1. - 3
 2. - 1
 3. - 2
 4. - 3
 5. - 3
 6. - 4
 7. - 2

Задачи

1.



$$n(\text{Me}_2\text{O}_3) = \frac{9,6}{2x+48}$$

$$n(\text{Me}_2(\text{SO}_4)_3) = 24 / (2x+288)$$

$$n(\text{Me}_2\text{O}_3) = n(\text{Me}_2(\text{SO}_4)_3)$$

$$\frac{9,6}{2x+48} = \frac{24}{2x+288}$$

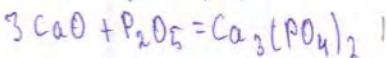
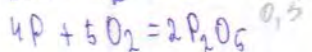
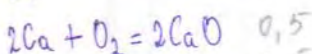
$$2764,8 + 19,2x = 48x + 1152$$

$$28,8x = 1612,8$$

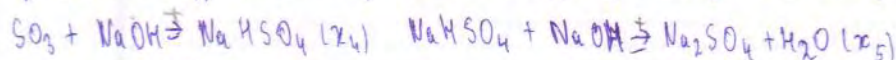
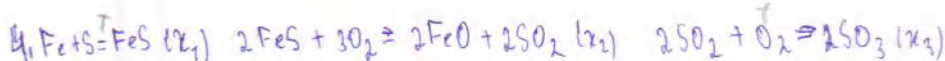
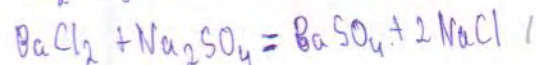
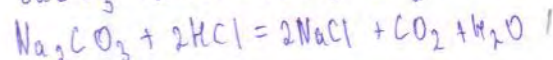
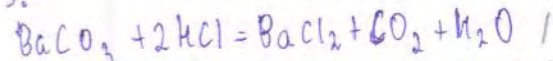
$$x = 56$$

Ответ: Fe (мезеро) 35

2.



3.



5. Ответ: Ba^{2+} и SO_4^{2-} ; H^+ и OH^-

