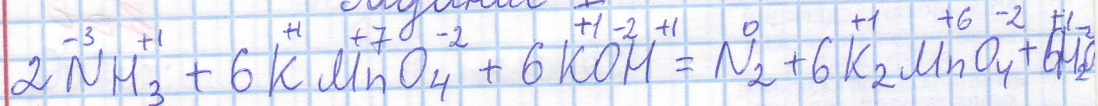
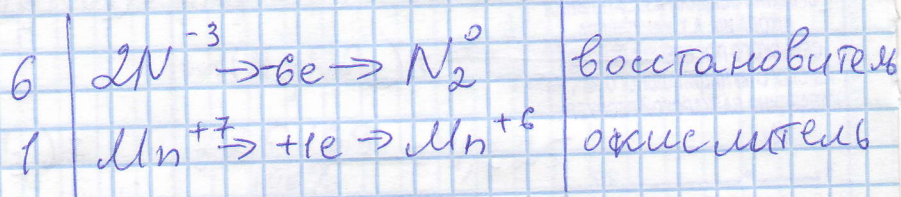


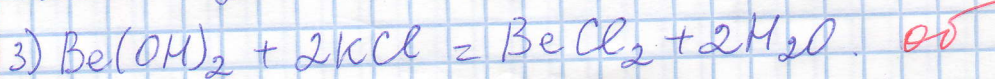
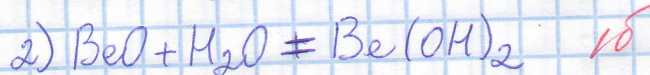
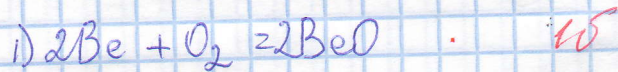
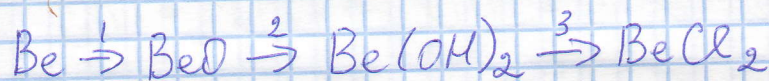
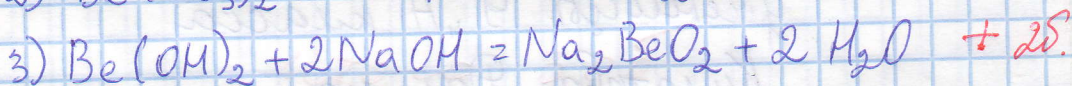
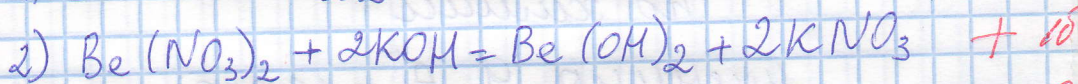
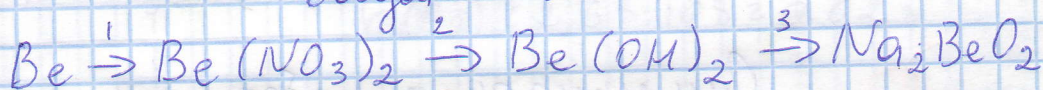
### Задание 1



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### Задание 2





### Задача 3.

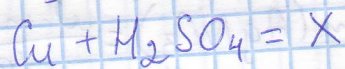
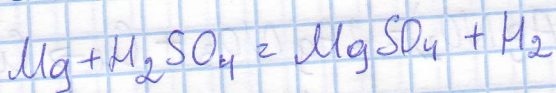
Дано:

$$m_{\text{смеси}} = 25 \text{ г}$$

$$V_{\text{газа}} = 3,36 \text{ л}$$

$w(\text{Cu})$

Решение:



$$\frac{x}{24} = \frac{3,36}{22,4} \quad x = \frac{3,36 \cdot 24}{22,4} = 3,6$$

$$m(\text{Cu}) = 25 - 3,6 = 21,4$$

$$21,4 : 25 \cdot 100\% = 85,6\%$$

65

Ответ: 85,6 процентов.

### Задача 4.

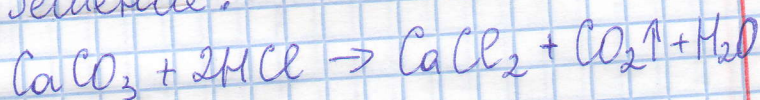
Дано:

$$w_{\text{примеси}} = 15\%$$

$$V(\text{CO}_2) = 1,12 \text{ л}$$

$m(\text{CaCO}_3) = ?$

Решение:



$$\frac{x}{100} = \frac{1,12}{22,4} \quad x = \frac{1,12 \cdot 100}{22,4} = 5$$

$$5 = 100\%$$

$$x = 15\%$$

$$x = 5 \cdot 15 : 100\% = 0,75$$

$$5 + 0,75 = 5,75 \text{ г}$$

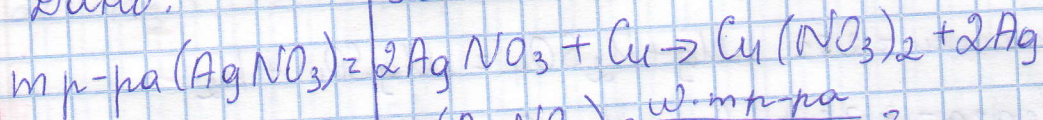
Ответ: 5,75 грамм.

65



# Задача 5

Дано:

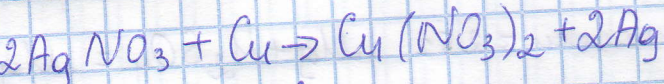


$w(\text{AgNO}_3) = 2,5\%$

$w(\text{AgNO}_3) = 2,5\%$

$m(\text{Ag}) = ?$

Решение:



$$x = \frac{54,225 \cdot 108}{170} = 34,225$$

$$x = 34,225$$

$$x = 34,225$$

$$x = 34,225$$

Ответ: 0,022.

итого 308