

Оценки по числу.

Углерод,  
кислород,  
водород,  
11 кол.

11.1.

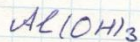
$$m \text{ Al(OH)}_3 = 78$$

$$m \text{ OH} = 17$$

$$m \text{ OH}_3 = 51$$

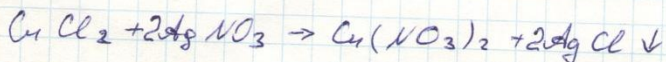
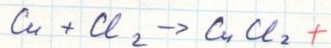
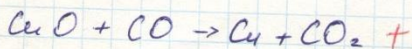
$$78 - 51 = 27$$

$$m \text{ Al} = 27$$



105

11.2.



95

11.4.

Дано:

Решение:

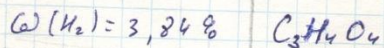
$$\omega(\text{O}_2) = 61,54\%$$

$$\text{C} : \text{H} : \text{O} = \frac{34,62}{12} : \frac{3,84}{1} : \frac{61,54}{16}$$

$$\omega(\text{C}) = 34,62\%$$

$$2,88 : 3,84 : 3,84 = 1 : 1,3 : 1,3 = 3 : 4 : 4$$

$$\omega(\text{H}_2) = 3,84\%$$



$$\text{C}_x\text{H}_y\text{O}_z - ?$$

155

ответ 345.