

Stoichiometry → mole math " # in front of thing " 0.5. coefficient

BALANCED chemical eqn

1 mole

6.02 × 10²³ molecules of a compound

6.02 × 10²³ atoms of an element

22.4 l of ANY GAS

Mass in grams on P.T. Gram formula mass

Sep 21-8:04 AM

5 Types of reactions

① Synthesis →

$$2 \text{H}_2^0 (\text{g}) + \text{O}_2^0 (\text{g}) \rightarrow 2 \text{H}_2\text{O}^{+1 -2}$$

LEO GER

2 : 1 : 2

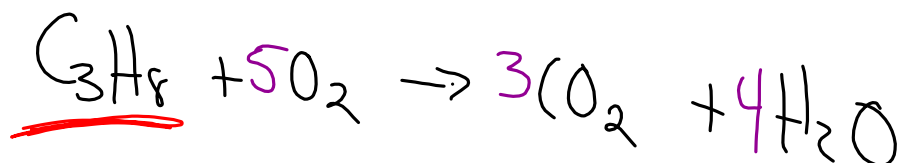
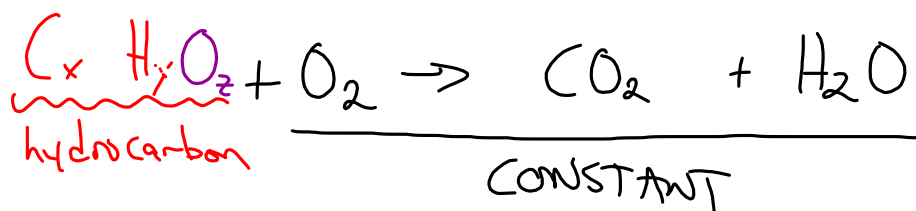
1 item
Viole ratio

② Decomposition ←

$$2 \text{H}_2\text{O} \rightarrow 2 \text{H}_2 (\text{g}) + \text{O}_2 (\text{g})$$

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⑤ Combustion



1 : 5 : 3 : 4

10 g C₃H₈	1 mole C₃H₈	5 mole O ₂	= 1.14 moles
	44 g C ₃ H ₈	1 mole C₃H₈	

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$$3 / 20 + 34$$

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