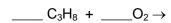
Complete Combustion Reaction Practice

What is a distinguishing feature of every combustion reaction?

Predict the results of the following combustions reactions; then balance each of the following equations.



$$___ C_6H_6 + ___O_2 \rightarrow$$

$$\underline{\hspace{1cm}} C_4H_{10} \hspace{1mm} + \hspace{1mm} \underline{\hspace{1cm}} O_2 \hspace{1mm} \rightarrow \hspace{1mm}$$

$$___C_{12}H_{22}O_{11} + __O_2 \rightarrow$$

$$___CH_3OH + ___O_2 \rightarrow$$

$$___$$
 CH₃COOH + $___$ O₂ \rightarrow

$$___C_6H_5NH_2 + ___O_2 \rightarrow$$

$$___C_2H_5NO_2 + ___O_2 \rightarrow$$

Acid Base Neutralization Practice

What is a distinguishing feature of every combustion reaction?

Given the following reactants, write balanced neutralization reactions for each possible combination of an acid with a base.

Given: NaOH, K_2CO_3 , $Mg(OH)_2$, HNO_3 , H_2SO_4 , and HCI

