

Name _____ Period _____ Date _____

Chemistry: Combustion Equations Worksheet

Write the balanced chemical equation for each of the reactions.

1. Ethane (C_2H_6) reacts with oxygen.
2. Ethanol (C_2H_5OH) reacts with oxygen.
3. Propane (C_3H_8) reacts with oxygen.
4. Propanol (C_3H_7OH) reacts with oxygen.
5. Butane (C_4H_{10}) reacts with oxygen.
6. Octane (C_8H_{18}) reacts with oxygen.
7. Acetylene (C_2H_2) reacts with oxygen.
8. Acetone (C_3H_6O) reacts with oxygen.
9. Toluene ($C_6H_5CH_3$) reacts with oxygen.
10. Decane ($C_{10}H_{22}$) reacts with oxygen.