

Name and Formula	1. Ionic or covalent 2. Organic/inorganic (Describe why?) 3. Hydrocarbon or alcohol	Lewis dot covalent diagram (Label lone and bonding pairs of electrons)	Structural Formula	Space Filling Model (use colour)
Methane CH ₄				
Carbon Dioxide CO ₂				

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Water H ₂ O				
Propane C ₃ H ₈				
Methanol CH ₄ O				

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Ethane C_2H_6				
Butane C_4H_{10}				

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Pentane C_5H_{12}				
Ethanol C_2H_6O				

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Isopropyl alcohol C_3H_8O				
NaCl Sodium chloride (salt)				