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# 1 General Chemistry Review

# **Intro to Organic Chemistry**

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#### **Structural Theory of Matter**

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# **Electrons, Bonds, and Lewis Structures**

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# **Identifying Formal Charges**

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#### **Induction and Polar Covalent Bonds**

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#### **Atomic Orbitals**

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# **Valence Bond Theory**

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# **Molecular Orbital Theory**

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# **Hybridized Atomic Orbitals**

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#### **Molecular Geometry**

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#### **Dipole Moments and Molecular Polarity**

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# **Intermolecular Forces and Physical Properties**

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# Solubility

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