

## The Chemistry

lanic, Covalent, and metallic compounds each have physical properties that relate to their structures, so there are some tests we can do to help identify the type of bonding in a substance.



## Melting Points

An ionic band is made when ions of apposite charges come tagether to create a parsoal lattice structure, in order to melt an ionic compound, the temperature has to rise. until the ions move with enough force to break away from the aspositely changed ions around them.

Covalient Compounds don't break apart when they melt, so they only have to reach a temperature strong enough to pull them away from the other molecules to melt them. This is why most small covalent molecules are liquid or gas at room temperature.



## Salubility and Conductivity Solubility & Conductivity



lonic compounds dissolve very sessity in water to create an aqueous solution. Since water is a polar molecule, it attracts the lons and surrounds each one as the compound dissociates in the water. Once water is full of charged particles, it can conduct electricity very easily. Tap: water conducts electricity because the chemicals used to treat the water are ions, so it makes the water into a conductor.







# **Covalent Bonds Lesson 20 Unit 4**

**L** Reisser

**Covalent Bonds Lesson 20 Unit 4:** 

#### Decoding Covalent Bonds Lesson 20 Unit 4: Revealing the Captivating Potential of Verbal Expression

In a time characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its ability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "Covalent Bonds Lesson 20 Unit 4," a mesmerizing literary creation penned by a celebrated wordsmith, readers set about an enlightening odyssey, unraveling the intricate significance of language and its enduring impact on our lives. In this appraisal, we shall explore the book is central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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