

Download Section 8 Covalent Bonding Guide

Answers

Chemistry: Matter and Change Study Guide 1 8 Covalent Bonding Section 8.1 The Covalent Bond In your textbook, read about the nature of covalent bonds. Use each of the terms below just once to complete the passage. covalent bond molecule sigma bond exothermic pi bond

Covalent Bonding Section 8.1 The Covalent Bond Date exoth Class pi nd In your textbook, read about the nature of covalent bonds. Use each of the terms below just once to complete the passage. cov lentbond mo ond When sharing of electrons occurs, the attachment between atoms that results is called a(n) (1)Chemistry Chapter 8 Covalent Bonding. 8.1 Molecular Compounds 8.2 The Nature of Covalent Bonding 8.3 Bonding Theories 8.4 Polar Bonds and Molecules. STUDY. PLAY. Bond dissociation energy. the energy required to break the bond between two covalently bonded atoms. Bonding orbital.242 Chapter 8 • Covalent Bonding Single Covalent Bonds When only one pair of electrons is shared, such as in a hydrogen molecule, it is a single covalent bond. The shared electron pair is often referred to as the bonding pair. For a hydrogen molecule, shown in Figure 8.4, each covalently bonded atom equally attracts the pair of shared electrons.