Name	Date	
CHEA	MICAL BONDING	
CITE	MICAL DONDING	
Answer the following questions.		
	from the attraction between the valence electrons and of different atoms.	
(a) nuclei (b) inner electrons		
(c) isotopes		
(d) Lewis structures		
A covalent bond consists of		
(a) a shared electron.		
(b) a shared electron pair.		
(c) two different ions.(d) an octet of electrons.		
(tt) an octet of electrons.		
If two covalently bonded atoms are identi	ical, the bond is identified as	
(a) nonpolar covalent.		
(b) polar covalent.(c) ionic.		
(d) dipolar.		
	qual attraction for the shared electrons is	
(a) nonpolar. (b) polar.		
(c) ionic.		
(d) dipolar.		
Atoms with a strong attraction for electro	ons they share with another atom exhibit	
(a) zero electronegativity.		
(b) low electronegativity.		
(c)high electronegativity.		
(d) Lewis electronegativity.		
Bonds that possess between 5% and 50%	% ionic character are considered to be	
(a) ionic.		
(b) pure covalent. (c) polar covalent.		
(d) nonpolar covalent.		
	nce between two atoms bonded together, the greater the bond's percentage	e of
(a) ionic character.		
(b) nonpolar character. (c) metallic character.		
(d) electron sharing.		
		avalor t
If electrons involved in bonding spend me	ost of the time closer to one atom rather thanthe other, the bond is <mark>polar co</mark>	ovalent

A bond's character is more than 50% ionic if the electronegativity difference between the two atoms is greater than

If a bond's character is more than 50% ionic, then the bond is called a(n) $\frac{ionic\ bond}{}$