

Name: _____

Date: _____

Bonding

L T P I K X A N C M E T A L L I C
R V I A V U E K V K G A U X U P R
U I P E T G U P F G Z C H J E Y K
P D W A A H C D R H F G V M V Z X
V S M T S U X I F Q B K K T B V R
C S I M U M C B G P F B A O X T N
P V O G M E C P O S I T I V E J O
E T P Y G T C I B D T P O X L J Y
A J Z T S A S E P O R T O L L A G
S O R N C L X G Z Z S W S N O L K
V O U W M S E Z U W J A H L E O J
T R Z U G J T Y I F N C A O D T X
V S E I T R E P O R P I R M O E J
L F G A S N O I I Y S N I Y A E B
F I C O V A L E N T A O N S E W R
E V E L E C T R O N S I G I W Q F
W Z L D I M H H E M Z U H W L V A

Allotropes properties electrons negative
positive Covalent Metallic Sharing
metals atoms Ionic ions