

Name: _____

Date: _____

Structure and Bonding

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

atomic number
neutrons
periods
groups
mass
two

electrons
covalent
lattice
shells
gain

graphite
diamond
protons
noble
lose

compound
element
mixture
ionic
ion