

Name: _____

Date: _____

Electrons in Atoms

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

noble gas notation
configuration
Rutherford
deBroglie
electron
quantum
photon
hertz

valence electron
Balmer series
Heisenberg
hydrogen
sublevel
aufbau
Planck
orbit

quantum number
ground state
amplitude
constant
nucleus
lambda
Lewis
Hund

dot structure
Schrodinger
frequency
Einstein
orbital
proton
Pauli
Bohr