# **ATOMIC NOTATION WORKSHEET NAME:**

Use the information from the chart in the Atomic Number, Mass Number Worksheet to complete the **atomic notation** chart.

The first two have been completed for you as examples.

 **ATOMIC NOTATION**

1

4

 Mass Number

H

4

 He Symbol

2

He

1

2

 Atomic Number

Ne

F

O

C

N

B

Be

Li

Ar

Cl

S

P

Si

Al

Mg

Na

Ca

K

# **BOHR DIAGRAM WORKSHEET NAME:**

# Draw complete **Bohr Diagrams** for the following twenty elements. The first **three** have been done for you.

 electron

 2P number of protons 2P

 1P orbital shells 2N number of neutrons 2N

 Element symbol He

 H He

 3P

 4N

 Li ------------------ ------------------ ------------------ ------------------ ------------------ ------------------ ------------------

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# **BOHR DIAGRAM WORKSHEET NAME:**

# Use the information in your **‘Atomic Number, Mass Number Worksheet’** to help you draw complete **Bohr Diagrams** for the following twenty elements. Some have been done for you.

 electron

 2P number of protons 2P

 1P orbital shells 2N number of neutrons 2N

 Element symbol He

 H He

 3P

 4N

 Li Be B C N O F Ne

 11P

 12N

 Na Mg Al Si P S Cl Ar

 19P

 4N

 K Ca

# **SNC1P BOHR DIAGRAM WORKSHEET NAME: KEY KEY KEY**

# Use the information in your **‘Atomic Number, Mass Number Worksheet’** to help you draw complete **Bohr Diagrams** for the following twenty elements. Some have been done for you.

 electron

 2P number of protons 2P

 1P orbital shells 2N number of neutrons 2N

 Element symbol He

 H He

 3P 4P 5P 6P 7P 8P 9P 10P

 4N 5N 6N 6N 7N 8N 10N 10N

 Li Be B C N O F Ne

 11P 12P 13P 14P 15P 16P 17P 18P

 12N 12N 14N 14N 16N 16N 18N 22N

 Na Mg Al Si P S Cl Ar

 19P 20P

 20N 20N

 K Ca

# **SNC1P Bohr Diagram CUT AND PASTE Worksheet NAME:**

# Cut out the Bohr Diagrams from the diagram page. Use the information in your **‘Atomic Number, Mass Number Worksheet’** to help you place the diagrams in the proper spaces in the chart below.

 electron

 2P number of protons

 orbital shells 2N number of neutrons

 Element symbol He

 H He

 Li Be B C N O F Ne

 Na Mg Al Si P S Cl Ar

 K Ca

# **SNC1P BOHR DIAGRAM WORKSHEET NAME:**

# Insert the **NAME** and draw complete **Bohr Diagrams** for each of the first twenty elements. The first **three** have been done for you.

 electron

 number of protons 2P

 1P energy levels 1P number of neutrons 2N

 Element name Hydrogen

 Hydrogen Helium

 3P

 4N

 Lithium ------------------ ------------------ ------------------ ------------------ ------------------ ------------------ ------------------

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