A Periodic Table of Candy

Directions: Cut out the following candies below and start organizing by features and characteristics. Create a data table to help you organize the information you collected and use that information to construct a Periodic Table of Candy in your Science Interactive Notebook. Make sure groups (vertical columns) share similar characteristics. You do not need to have the same number of candy in each group.

Candy (From Left to Right): Gummy Bears, Peanut M&Ms, Candy corn, Sour Gummy Worms, Conversation Hearts, Candy Canes, Peanut Butter Cups, Licorice, Gumballs, Gumdrops, Jelly Beans, Regular M&Ms, Suckers, Truffles, Caramels, Mints, Snickers, Sour Patch Kids, Lifesavers, Dots

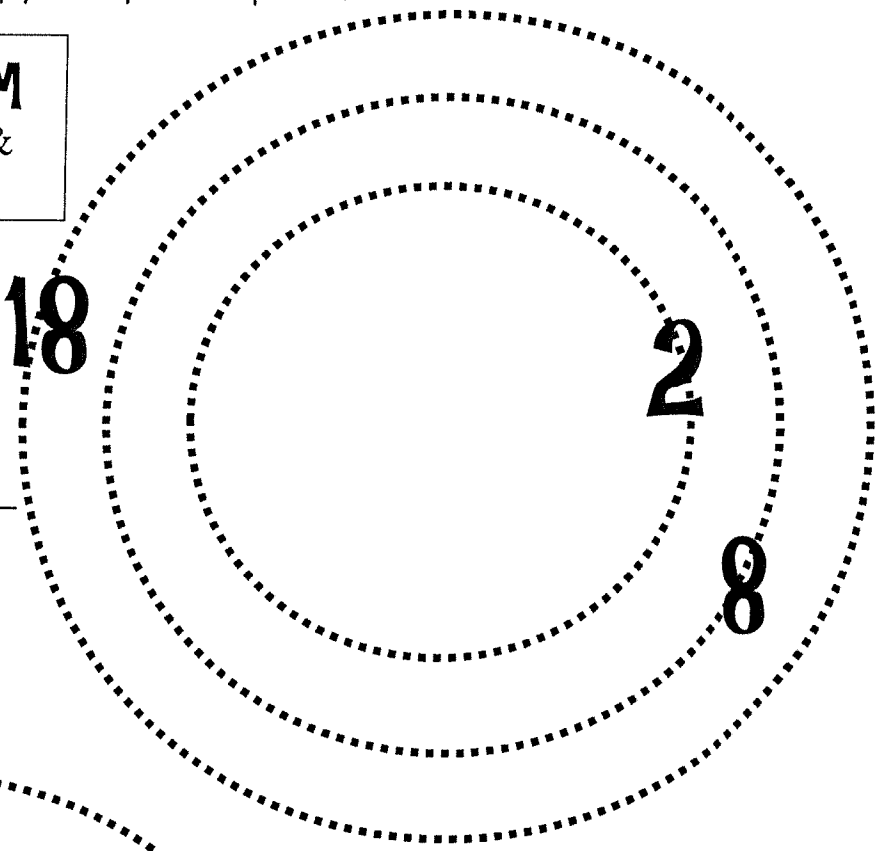
Name: _____ Period: _____ Date: _____

STUDENT ANSWER SHEET

Directions: Use the KEY SHEET to help you complete the problems.

Build a Hydrogen Atom

using the electrons, protons, & neutrons you cut out



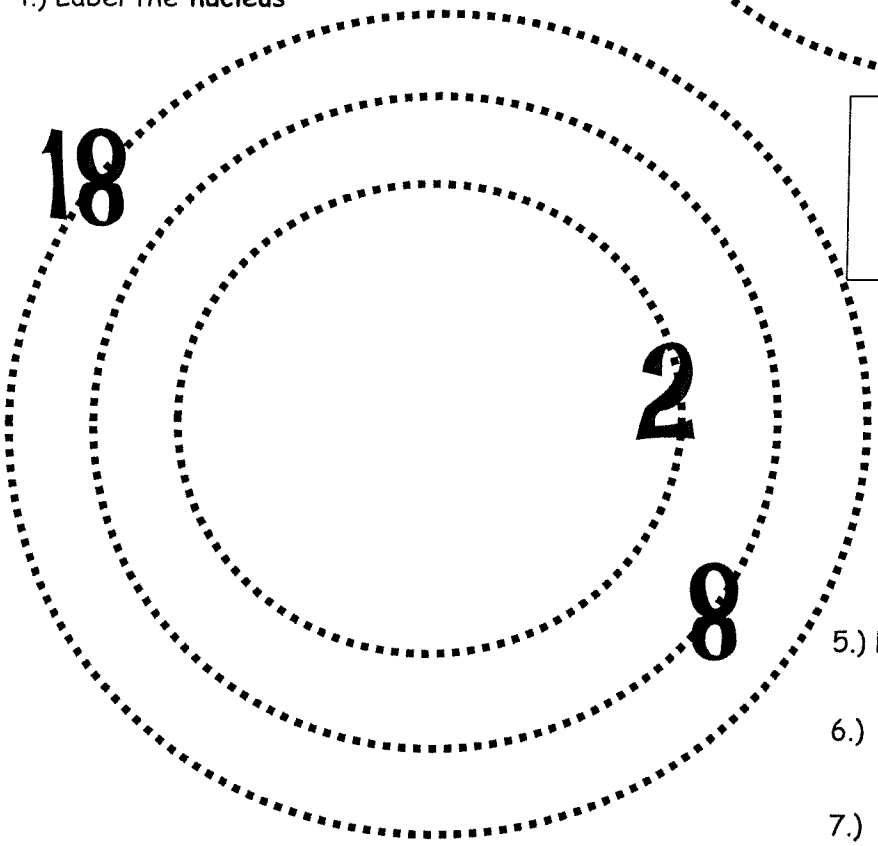
1
H
Hydrogen
1.008

1.) How many **proton(s)** does it have? ____

2.) How many **neutron(s)**? _____

3.) How many **electron(s)**? _____

4.) Label the **nucleus**



Build a Helium Atom

using the electrons, protons, & neutrons you cut out

2
He
Helium
4.003

5.) How many **proton(s)** does it have? ____

6.) How many **neutron(s)**? _____

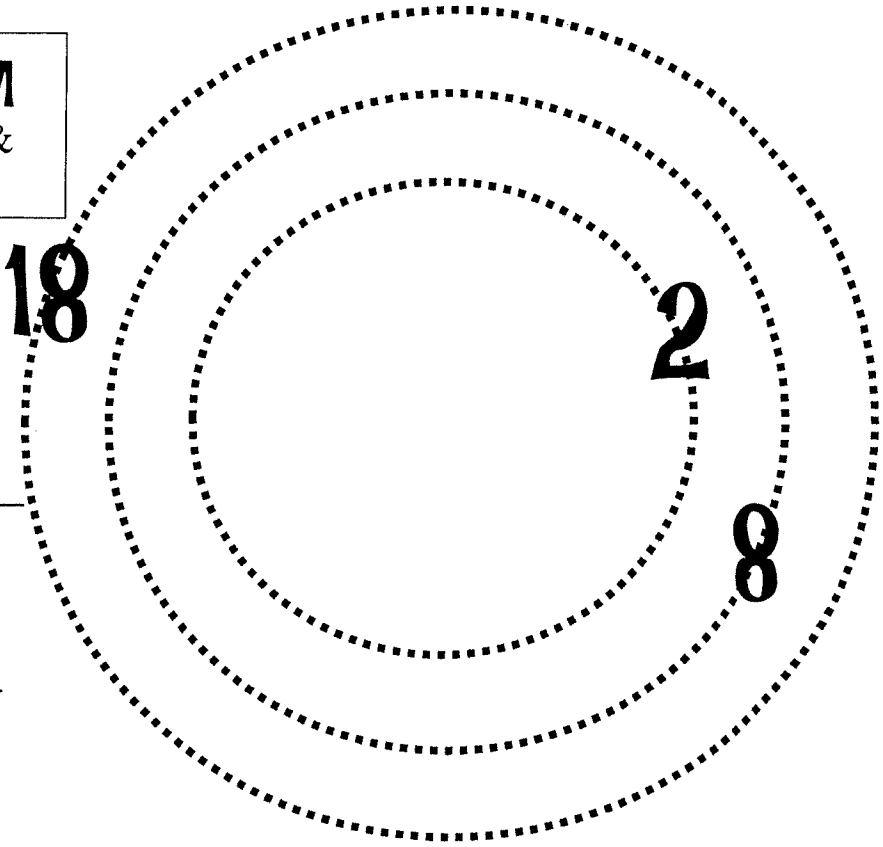
7.) How many **electron(s)**? _____

8.) Label the **nucleus**

Build a Nitrogen Atom

using the electrons, protons, & neutrons you cut out

7
N
Nitrogen
14.01



9.) How many **proton**(s) does it have? ____

10.) How many **neutron**(s)? _____

11.) How many **electron**(s)? _____

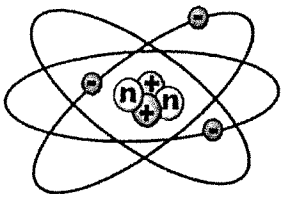
12.) Label the **nucleus**

13.) **REFLECTION**: What types of atoms do you have inside your body? Explain how are they are important to you. _____

_____

_____

_____



Build an Atom Sheet

use 3 different LIGHT colors (preferably highlighters) to color the protons, neutrons, and electrons a different color

KEY

- **Electron (negatively charged)**
- **Neutron (no charge)**
- **Proton (positively charged)**