

Bellringers Week 6: 9/29 - 10/3

Day 1: Monday 9/29

Look at your periodic table and find the elements

Hydrogen-3



Carbon-14



Chlorine-37



Uranium-235



What is the number in the upper left corner?

What is the number written after the name with a hyphen?

Which number will NEVER change?

Day 2: Tuesday 9/30

Construct the hyphen notation (from your periodic table for these elements:

1. Curium-
2. Osmium-
3. Moscovium-

Which number did you type?

Day 3: Wednesday 10/1

Which isotope notation correctly represents carbon with 6 protons and 8 neutrons?

- a) ^{12}C
- b) ^{13}C
- c) ^{14}C
- d) ^{15}C

Isotopes of an element differ in their:

- a) Number of protons
- b) Number of neutrons
- c) Number of electrons in the outer shell
- d) Atomic number

Day 4: Thursday 10/2



Day 5: Friday 10/3

True or False

All isotopes of an element have the same number of protons.

Neutrons contribute to the overall charge of an atom.

The atomic number of an element is determined by its number of protons.