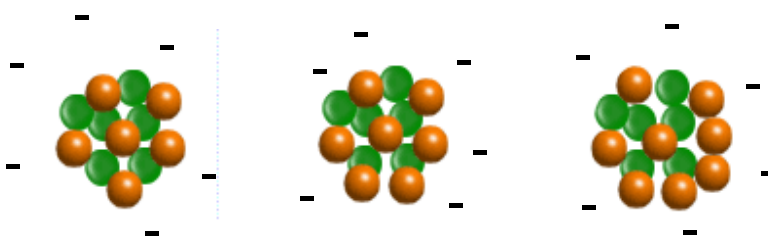


Homework Check:

Element:	Protons	Neutrons	Electrons	Atomic Number	Mass Number
Potassium	19	20	19	19	39
Silicon	14	16	14	14	30
Cobalt	27	31	27	27	58
Nitrogen	7	8	7	7	15

Sep 6-2:31 PM

Use the picture to answer the questions below.



1. What color represents the protons? How do you know?
2. What is the difference between these atoms?

Sep 6-2:39 PM

Isotopes

-- atoms with the same number of protons (atomic number) but different number of neutrons

Sep 6-2:25 PM

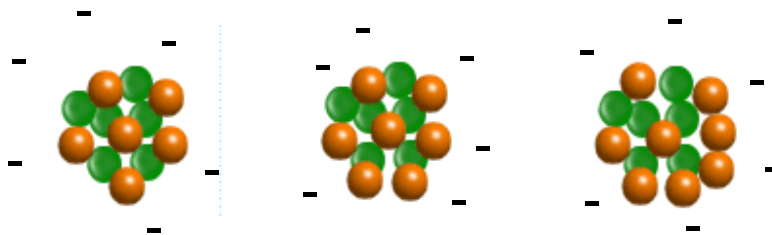
Writing Isotopes

1. element name-mass number

2. $\begin{array}{c} \text{mass number} \\ \text{atomic number} \end{array} X$

Sep 6-2:53 PM

Writing Isotopes



Write both isotope notations for each of the isotopes above.

Sep 6-2:53 PM