

# Protons, Neutrons, Electrons and More

Procedure:

1. Find a partner and go to one of the lettered bags.
2. Each of these bags represents the nucleus of an isotope (atom). There are 2 different colored chips in each bag. On the board, your teacher will write down what each color chip represents. (look at board now)
3. You need to fill out the table below. (Do not move bags around to different tables, you move to different tables)
4. **Red and Blue are Protons, Yellow and Green are Neutrons**

Pre Lab Questions:

1. How do you find the isotope mass?
2. How do you find the number of electrons?

Bag Letter	# p <sup>+</sup>	# n <sup>°</sup>	Element Symbol	# e <sup>-</sup>	Isotope Mass
A					
B					
C					
D					
E					
F					
G					
H					
I					
J					

Questions

1. Fill out the table below.

Element Name	# p <sup>+</sup>	# n <sup>°</sup>	# e <sup>-</sup>	Isotope Mass
	12	12		
Sr				88
		109	74	
			4	9