

Unit 3H Structure of the Atom Practice Problems

Name:

Date:

T Com	mlata tha	. fallowin	a tabla
47.014	10112112 HATS	following	
TI O O III			guario

Element	Atomic #	Mass #	# Protons	# Electrons	# Neutrons
	51				71
Ва		137	56		
	15	31			

II. Using your periodic table, complete the following table.

Element	Nuclear Symbol	Hyphen Notation
Magnesium		
Cobalt		

III. Fill in the blanks w	ith the most appropriate term:		
1. The two subatomic partic	les in the nucleus of the atom are the	e and the	which ar
collectively called	because they are in the nuc	cleus of the atom.	
2. The charge on the	is –1, the charge on the	is +1, and the	is neutral.
3 are atoms	of an element that have different	due to a	different number