

Name \_\_\_\_\_

Period: \_\_\_\_\_

Complete the following table with the appropriate information using the periodic table.

Element	Symbol	Atomic Number	# of Protons	# of Neutrons	Mass Number (amu)	# of Electrons
Hydrogen				1		
	He				4	
	Na			12		
Potassium					39	
		20		20		
			26	30		
	Rb				86	
Carbon				6		
Xenon					131	
				16		15
	At			126		
					14	7
Copper					64	
	Ne			10		
			23	27		

**Challenge:**

What do you think would happen if you changed the number of electrons of a given atom?

What do you think would happen if you changed the number of protons of a given atom?

What do you think would happen if you changed the number of neutrons of a given atom?

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