Name:		Date:	Period:	
Atomic Models	Developed by Using		_ Model	
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	Developed by Through	Model	experim	ents

- 1. Write the *nuclear symbol* for the element that contains 19 protons, 19 electrons and 20 neutrons.
- 2. Write the *nuclear symbol* for an element that contains 34 protons, 34 electrons and 41 neutrons.
- 3. What is the *hyphenated notation* of the atom with 15 protons and 16 neutrons?

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Answer the following questions. Simple enough, right?				
1. What subatomic particles are found in (make up) the nuc	leus?			
2. What subatomic particles determine the mass of an atom?				
3. What 2 things do all atoms and ions of the same element (isotopes) have in common?			
4. What 2 things can differ between neutral (not charged) isotopes of an atom?				
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5. Are most atomic masses on the periodic table whole numb	pers? Explain why or why not.			
7. What subatomic particle can be used to determine the ide	ntity of an element?			