Exploring Atoms	Name	
Watch the "Atoms" m	novie at http://www.brainpop.com/ to complete	this section.
 List three items that are n 	nade of atoms.	
2. The every element in the universe	of shows and predicts	Word Bank for #2-10
		Atomic Mass
	ued that everything in the world was made up of	Atomic Number
	ld not be cut in half. He called these particles	Atoms
from the Greek	word "atomos", which means	Attracts
4 lalaa	-:	Dalton
	aid that atoms were the smallest part of an element	Democritus
that retains its chemical proper	rties.	Electrons
5. Atoms are made up of the	ree subatomic particles called,	Elements
		Five
		Indivisible
6. The atom's center or	is a cluster of protons and neutrons.	Light
Protons have a	electrical charge and neutrons have	Molecules
electrical charge. They are h	neld together by a force, which keeps	Neutrons
positively charged protons fro	om each other.	No
		Nucleus
	d by a cloud of electrons moving near the speed of	One
	s have a negative charge that	Periodic Table
•	ey live in representing different	Positive
energy levels.		Protons
8 On the periodic table, ato	ms are arranged by	Repelling
	protons or electrons. You can find the	Shells
	it's on the periodic table.	Strong
and the elemen	of the periodic table.	Symbol
9. Different types of atoms	can bond together to make	Two
Water is created by at	toms of hydrogen and atom of oxygen.	
10. If the nucleus of an ato fields away.	m was the size of an apple, the electrons would be	footba
Try the quiz to complete each		
11. The is the s	mallest unit or part of an element.	\sim
	ed or created over elements.	(X)
13. A is	s two or more atoms bonded together.	101

14. What is the most abundant atom in the universe?