Colegio Metropolitano Science Sixth grade ENCINO PINO ROBLE Miss Alisson Coronado

Atom Worksheet

Proton A small, dense region located in the center of an atom Neutron A substance that is made up of one kind of atom Electron The mass of an atom based on the sum of the protons and neutrons A negatively charged subatomic particle located in cloud around an atom's nucleus The smallest particle of an element that cannot be broken down without changing the physical properties: Use the vocabulary words from the box to fill in the missing informations.	Element	A positively charged subatomic particle located in the nucleus of an atom	
Neutron A substance that is made up of one kind of atom Electron The mass of an atom based on the sum of the protons and neutrons A negatively charged subatomic particle located in cloud around an atom's nucleus The smallest particle of an element that cannot be broken down without changing the physical proper as: Use the vocabulary words from the box to fill in the missing information ment atom proton neutron electron nucleus atomic mass ary constituent of matter is called a(n) and	Atom	A subatomic particle found in the nucleus of an atom that has no charge	
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broken down without changing the physical properties: Use the vocabulary words from the box to fill in the missing information atom proton neutron electron nucleus atomic mass ary constituent of matter is called a(n) and	Nucleus	A negatively charged subatomic particle located in a cloud around an atom's nucleus	
ement atom proton neutron electron nucleus atomic mass	tomic Mass	The smallest particle of an element that cannot be broken down without changing the physical properties	
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and The positively charged	:	and The positively charged p	

Therefore, to calculate the	of an atom, you find the sum of the
protons and neutrons found in the atom.	
Part III Instructions: Choose the answer that best completes e	each statement.
1. A neutrally charged atom has 47 protons and an atom	omic mass of 108. How many neutrons does this
atom have?	
a. 47 neutrons	
b. 155 neutrons	

2. What types of subatomic particles are found in the nucleus of an atom?

- a. Only negatively charged particles
- b. Both neutrally and positively charged particles
- c. Only neutral particles

c. 61 neutrons d. 108 neutrons

d. The nucleus of an atom does not contain subatomic particles.

3. Which of the following best describes a proton?

- a. A subatomic particle that is very, very small and has a negative charge.
- b. A positively charged subatomic particle that is found in a cloud around the nucleus of an atom
- c. A neutral particle found in the nucleus of an atom
- d. A positively charged subatomic particle found in the nucleus of an atom

4. How do you find the atomic mass of an atom?

- a. Add the total number of electrons to the total number of protons.
- b. Subtract the number of protons from the number of neutrons
- c. Find the sum of protons and neutrons in an atom
- d. Subtract the total number of electrons from the number of neutrons in an atom.