

Models of the Atom Bell Ringer Activity

Select the best answer for each of the following questions.

1. The word atom comes from the Greek "atomos" which means?
 - a. Indivisible
 - b. Ouch I jammed my toe!
 - c. Molecule
 - d. Very tiny
2. The first scientist to develop a model of the atom which he described as looking like "plum pudding"
 - a. John Dalton
 - b. Lord Kelvin
 - c. Ernest Rutherford
 - d. James Chadwick
 - e. JJ Thomson
3. What contribution did John Dalton make to atomic theory?
 - a. He discovered that every atom was positively charged
 - b. He discovered that every element consisted of one type of atom
 - c. He discovered that atoms had nuclei
 - d. He discovered that atoms could be divided into smaller parts
4. What are electrons?
 - a. Subatomic particles with a positive charge
 - b. Subatomic particles with no (neutral) charge
 - c. Subatomic particles with a negative charge
 - d. Uncharged particles
5. Which of the following was not included in Dalton's theory of the atom?
 - a. Atoms of the same elements have the same mass and atoms of different elements have different masses
 - b. All atoms have the same number of subatomic particles (protons, electrons, and neutrons).
 - c. Compounds contain atoms of more than one element
 - d. All elements are composed of atoms