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