

section review 5.1

1. In your own words, state the main ideas of Dalton's atomic theory.
2. Characterize the size of an atom.
3. Democritus and Dalton both proposed that matter consists of atoms. How did their approaches to reaching that conclusion differ?

section review 5.2

4. What are the charges and relative masses of the three main subatomic particles?
5. Describe the basic structure of an atom.
6. Describe Thomson's, Millikan's, and Rutherford's contributions to atomic theory. Include their experiments if appropriate.

A large grid of graph paper, consisting of approximately 25 columns and 40 rows of small squares, intended for writing answers to the section review questions.