

ATOMIC HISTORY MCQ WORKSHEET

1. Dalton's research provided evidence that
 - (a) atoms exist
 - (b) gases consist of tiny particles in constant motion
 - (c) a compound always consists of the same elements in the same ratio
 - (d) all of the above

2. Which statement is part of Dalton's atomic theory?
 - (a) All substances are made of atoms
 - (b) Atoms can be divided into smaller particles
 - (c) Atoms form when compounds join together
 - (d) All atoms of the same element have the same number of protons

3. Rutherford's research involved
 - (a) gold foil and alpha particles
 - (b) electric current and a vacuum tube
 - (c) gases and pressure
 - (d) neutrons and back scattering

4. In the planetary model, the planets represent
 - (a) alpha particles
 - (b) gold atoms
 - (c) electrons
 - (d) positive charges

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Answers

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