

Name: Date:

Chemistry Atomic Theory MCQ Worksheet

Circle the correct option.

1. Which of the following statements is NOT part of Dalton's atomic model?

- (a) each element has its own type of atom
- (b) atoms of the same element are identical
- (c) all matter is made of tiny particles called atoms
- (d) atoms can be broken down into sub-atomic particles

2. The cathode ray tube was instrumental in the discovery of:

- (a) the electron
- (b) the proton
- (c) the neutron
- (d) the atom, which is mostly empty space

3. What was discovered as a result of the gold foil experiment?

- (a) electron
- (b) proton
- (c) neutron
- (d) nucleus

4. What is the correct chronological order of the atomic models proposed by the scientists listed below?

- (a) Dalton, Bohr, Thomson, Rutherford
- (b) Dalton, Thomson, Rutherford, Bohr
- (c) Thomson, Dalton, Rutherford, Bohr
- (d) Dalton, Rutherford, Thomson, Bohr

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Answers

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