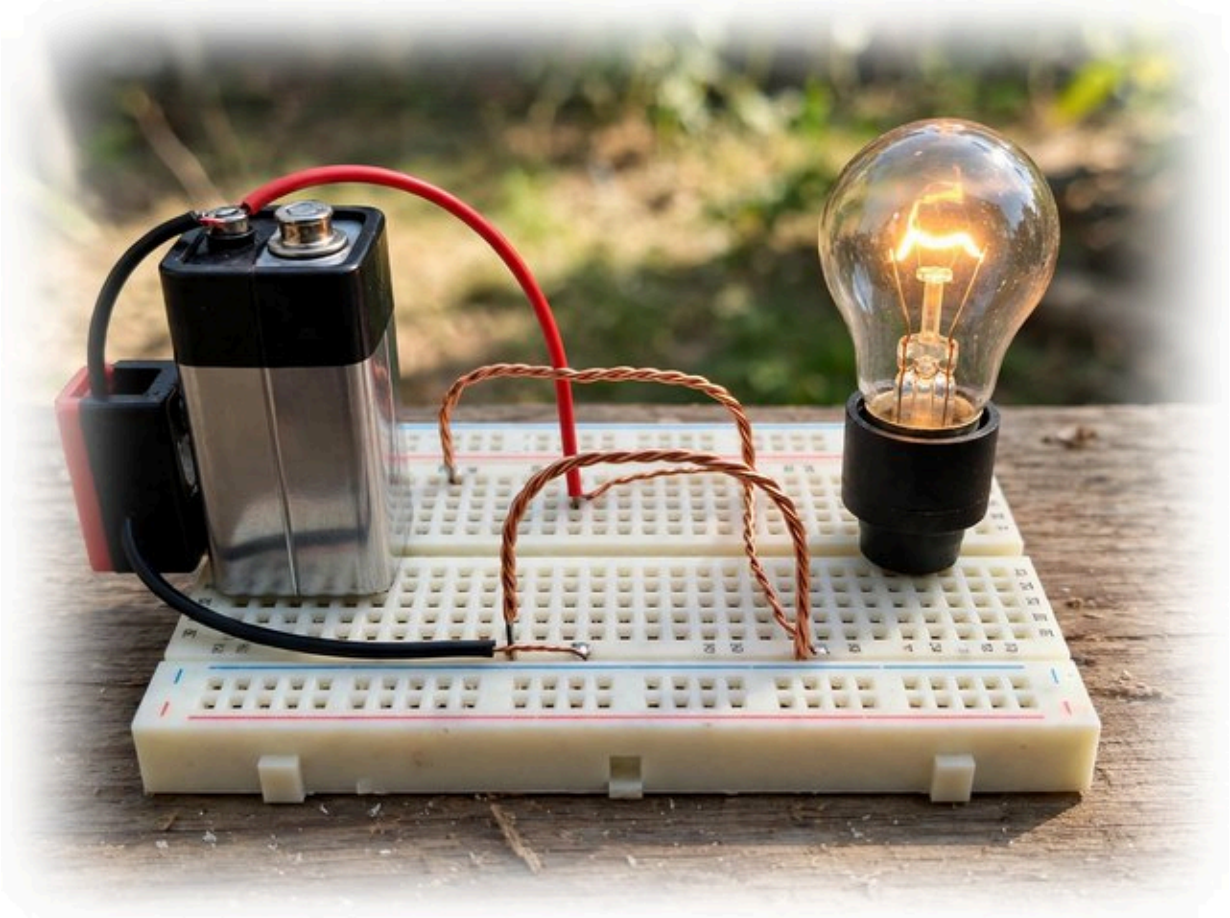
ARIZONA CHEMISTRY · UNIT 1 · 5 QUESTIONS

Matter and Atomic Structure — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Which of these is an element**



A Gold

B Water

C Salt

D Sugar

Understand It with Pulse Flag a mistake

2 **Potassium 39 has atomic number 19. The number of neutrons in this atom is ____**

ANSWER _____

Understand It with Pulse Flag a mistake

3 **The plum pudding model of the atom was proposed by**

A Thomson

B Rutherford

C Bohr

D Dalton

Understand It with Pulse Flag a mistake

4 **In the gold foil experiment, most alpha particles passed straight through This showed that an atom is mostly**

A Solid

B Empty space

C Positive charge

D Electrons

Understand It with Pulse | Flag a mistake

5 **A sample has mass 120 g and volume 30 cm³. Its density, in grams per cm³, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. 20
3. A
4. B
5. 4

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