ARKANSAS 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 **Alkali metals in group 1 tend to lose one electron and form ions with charge**



A 1 +

B 1 -

C 2 +

D 2 -

Understand It with Pulse | Flag a mistake

2 **Halogens in group 17 tend to gain one electron and form ions with charge**

A 1 +

B 1 -

C 2 -

D 7 +

Understand It with Pulse | Flag a mistake

3 **Metals are usually good conductors of heat and electricity, malleable, and**

A Brittle always

B Gases at room temperature

C Shiny

D Poor conductors

Understand It with Pulse | Flag a mistake

4 **Nonmetals are usually poor conductors and many are gases or brittle solids at**

A Very high temperature only

B Zero pressure

C In water only

D Room temperature

Understand It with Pulse | Flag a mistake

5 **Density is mass divided by volume, and a sample with mass 40 grams and volume 10 cm³ has density**

A 4 grams per cm³

B 400 grams per cm³

C 0.25 grams per cm³

D 50 grams per cm³

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. B
3. C
4. D
5. A

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