ALASKA CHEMISTRY · UNIT 4 · 5 QUESTIONS

Gases, Thermodynamics, and Equilibrium — 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 so it can be fixed.

1 **A stainless steel pressure cooker sits on a gas stove burner. Which unit measures gas pressure**



A atmosphere

B liter

C mole

D kelvin

Understand It with Pulse | Flag a mistake

2 **A gas occupies 3 L at 300 K. At constant pressure and 900 K, its volume, in liters, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Gas particles diffuse faster when the temperature**

A decreases

B stays the same

C increases

D falls to zero

Understand It with Pulse | Flag a mistake

4 **Using R = 0.0821 L atm per mol K, the pressure, in atmospheres, of 1 mol of gas in 11.2 L at 273 K, to the nearest whole number, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **An endothermic reaction has an enthalpy change that is**

A zero

B positive

C negative

D unrelated to heat

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. 9
3. C
4. 2
5. B

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