



# Clicker Question

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A 4.37 gram sample of a certain diatomic gas occupies a volume of 3.00 L at 1.00 atm and a temperature of 45°C. Identify this gas.

a)  $\text{H}_2$

b)  $\text{F}_2$

c)  $\text{O}_2$

d)  $\text{Cl}_2$

e) I am not sure how to do this.