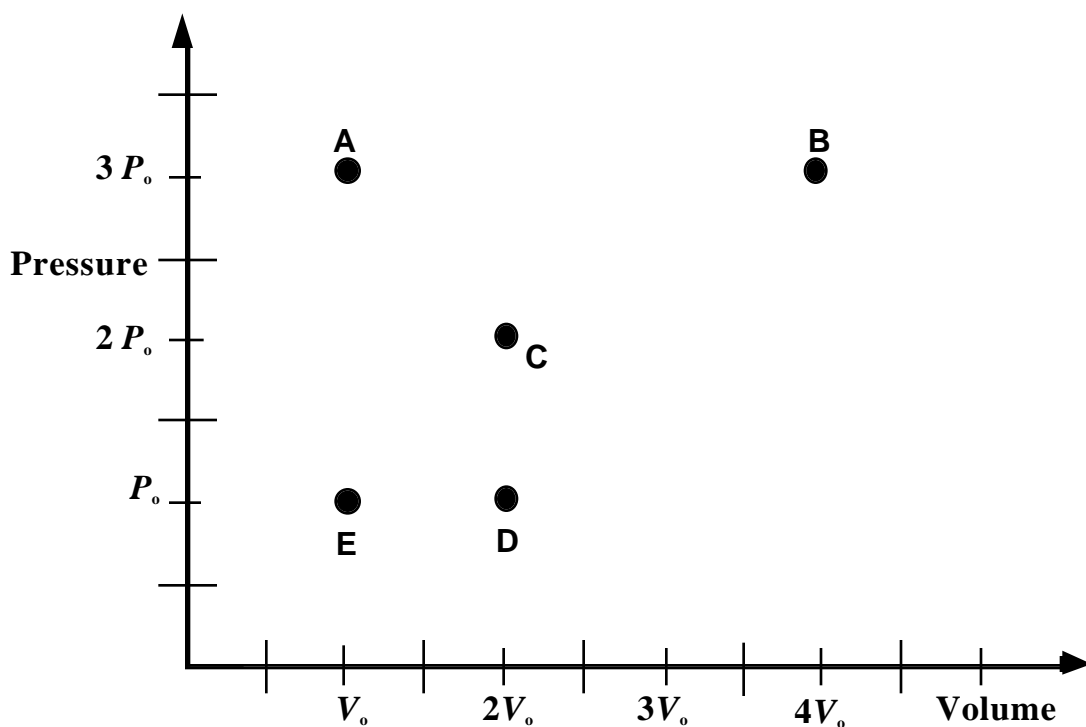


Pressure vs. Volume Graph—Temperature at Different Points I ¹¹²

Rank the temperatures of one mole of an ideal gas at the different points identified on the P - V diagram below.



Greatest 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ Least

Or, the gas has the same temperature at all these points. _

Or, it is not possible to rank the temperatures for these points. _

Please carefully explain your reasoning.

How sure were you of your ranking? (circle one)

Basically Guessed

Sure

Very Sure

1 2 3 4 5 6 7 8 9 10

¹¹² J. Popp, C. Hieggelke