## Temperature, Pressure, and Molecules-Internal Energy <sup>118</sup>

Rank the total internal energies of the ideal gases below that contain different number of molecules (N) at various temperatures (T) and pressures (P). Note: The volumes are not given.





Or, all these gases the same total internal energy.

Or, it is not possible to rank the total internal energies for these gases.

Please carefully explain your reasoning.

How Basic	sure were cally guess	you of y sed	our ranki	ng? (circ Sure	ele one)			Ve	erv Sure
1	2	3	4	5	6	7	8	9	10
<sup>118</sup> C. 126 p	Hieggelke Ranking Task	x Exercises	in Physics		126	Properties	of Matter, H	leat-Thermo	dynamics, Wave