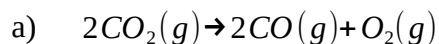


WW4: Predicting Entropy Changes

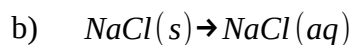
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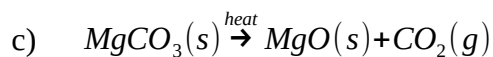
For each process, tell whether entropy increases or decreases, and explain how you arrived at your prediction.



Entropy increases since 2 moles of CO₂ gas becomes 2 moles of CO + 1 mole of O₂.



Entropy increases because NaCl goes from a calm state to a little bit more chaotic state.



Entropy increases since a mole of solid substances releases a mole of gas which is chaotic and has much more entropy than solid and liquid.