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first law of

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chapter 03: second law  
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Answers For

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Problems. Answer for Problem # 1. Since the containers are insulated, no heat transfer occurs between the gas and the external environment, and since the gas expands freely into container B there is no resistance "pushing" against it, which means no work is done on the gas as it expands.

**Thermodynamics**

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First law of thermodynamics



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adiabatic processes.  
Second law of  
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**questions (practice)**

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## **Enthalpy and Entropy - Physical**

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