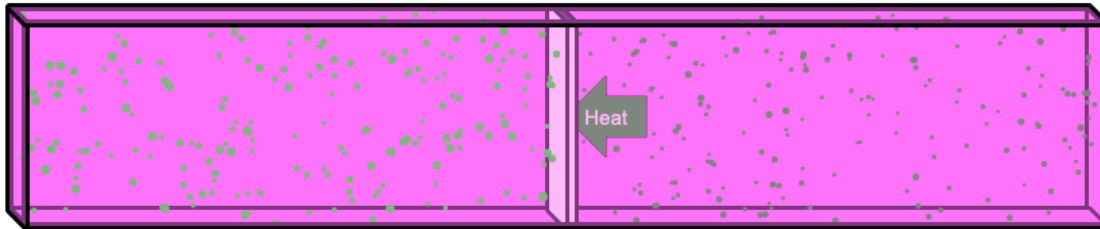# Heat Transfer with Entropy

Step 1: In the picture below, give the temperature of each of the chambers of gas as well as the information about the barrier that is separating the two chambers

Step 2: Neatly show your calculation for the rate of heat transfer through the barrier

Step 3: Show you calculation for the change in entropy for each chamber during one second of heat transfer and the net entropy change of the system.

Step 4: Enter your answers into your program to see if you did everything correctly. Make sure you enter your rate of heat transfer in kJ/s