

MSC Chapter 5 set 7 questions

Gas Phase

- 1) A gas is initially contained in a 51.2 L volume at 34.7 atm. The volume is changed to 15.0 L with the temperature held constant. What is the pressure of the gas?

ANS: _____

- 5) A gas is contained in a flexible container. Initially it is at -35°C , a pressure of $4.51 \times 10^5 \text{ Pa}$ and has a volume of 21.2 L. The temperature is increased to 275°C and the volume increased to 25 L. What is the pressure of the gas.

ANS: _____