

4. At what temperature will 5.35 grams of Cl_2 exert a pressure of 915 mm Hg at a volume of 765 mL?

5. How many moles of nitrogen gas will occupy a volume of 347 mL at 2.57 atm and 27°C ?

6. Find the number of grams of CO_2 that exert a pressure of 785 torrs at a volume of 32.5 liters and a temperature of 32°C .