CHEMISTRY

Assignment

1) At constant pressure, the volume of a gas is 500 L at 300 K. What is the volume of the gas if temperature is increased to 600 K?

Ans) Volume of the gas $= \dfrac{600 \times 500}{300}$

$$= \dfrac{3000}{3}$$

$$= \underline{\underline{1000 \text{ L}}}$$