$= 45.58 \text{ cm}^3$

Let us say (By rounding up),

$= 45.6 \text{ cm}^3$

$\therefore V_1 = 45.6 \text{ cm}^3$

(c)

The three variables for gas laws are:
1. Volume, V

2. Pressure, P

3. Temperature, T

These three are called as the **'Standard variables'**.
S.I. unit of volume is cubic meter (m^3).

S.I. unit of pressure is Pascal (Pa).

S.I. unit of temperature is Kelvin (K) or degree Celsius (^0C).