The general gas law of volume, pressure and temperature of a given mass of gas States that

PRESSURE * VOLUME

= (11/14) TEMPERATURE

=> **PV = (11/14) T**

If the volume and the pressure of given mass of a gas is given, then the temperature of it can be found out as follows

Since **PV = (11/14) T**

=> **T = (14/11) PV ---------- (I)**

If the volume and the temperature of given mass of a gas is given ,then the pressure of it can be found out as follows

Since **PV = (11/14) T**

=> **P = (11/14) (T/V) ---------- (II)**

If the temperature and the pressure of given mass of a gas is give ,then the volume of it can be found out as follows

Since **PV = (11/14) T**

=> **V = (11/14) (T/P) ----------(III)**

Here P = Pressure , V = volume and

T = Temperature

REFERENCES :

The followings are the published papers of the IJSER journal and the GSJ journal .

1) Nrusingh's 1st law

IJSER , volume-10 , issue-12

December-2019 , ISSN 2229-5518

2) Nrusingh's 2nd law

IJSER , volume-6 , issue -7

July-2015 , ISSN 2229-5518

3) Nrusingh's 3rd law

IJSER , volume-11 , issue- 3

March-2020 , ISSN 2229-5518

4) Nrusingh's 4th law

GSJ , volume-8 , issue-9

September-2020 , ISSN 2320-9186