"عبسم الآليه الرحان الإسيار"

H-> Relvin. · p= E · p-golh Emperical gas laws ... Boylés laur Combined to vog adries lan charles Law

VP = VI TP Ti alfired P. Eyste. Pivi=P2V2 at fixed of. . عكتيبة

PIUL = P2U2 T2 TI for given amount of yos

The files gas low لما تدخل Pu= nRT N Ligits R وجرات محيرة .

PIUL - P2V2 J. u. 7242

P= MRT تعدیلے (2)

PHN= DRT

لقد بل 3

تعلي ()

. Cos Mixtures Male Fraction Deltais law of partial pressure. . و لفغد الله = جمع الصفوم بر المحت . ·PAV= NRT x= PA/MA PT NT حدد بلريندي مم الكتر، يولي مم الكفر بلوني

. Collecting gas over waler $P_T = P_g + P_{H_{20}}$

. Kinetic ~ Energy, (1 my)

. Molecular speed (k 2 3RT Mm

Any two gases at the same temperature will have the same average kinetic energy Because the average kinetic energy of a molecule is proportional To only T

TT up Allen ub

. Cou han's law of enfusion....

Rate of chlausian = R / V - 1) Min T ~ R Ratio for the same container at fixed p and of.

. Von der maals equations ... van cher waals equations ideal yas PV=NRT (p+n2a) (v-Nb) = nRT n-np なく becomes P + Wa Actual ideal U? $\Rightarrow P$ Achual = ident wb