Search Search

Name Gas laws review

Complete the following picture

		S.F.					
Short	Nitroger atmosph : Answer: 2. Use the followin	n balloon using the Helere and 25C.	he number of particles in balloon. Both balloons a Same Conding to Same The	Hoes Y the	Helium (He)	Nitrogen (N ₂)	
Justi	a. C·y 1 #	pressure to increase.	e temperature increases cot inside of Cand	cince	~	{	
Justi	_	pressure is reduced ca	p into the air where the a using the balloon to expa v Dens Cullisian	and.	lorge vdu	4	
U.II: (_	et allon of helium	on it doubled, causing the collision of collision of at 25C, all the helium p	rea = 5	maller	need.	
Pul	ify =	Auerage Kind container, holding ede average kinetic energy	rent Every read Speed qual amounts of He and of y of each of these substan	oxygen at 25C.	.perature		
	b. The	molecular velocity of	these substances are equal $1 \text{ M} = 1 \text{ V}$	al. Mullips	. ASD.	275 100	
۷	1. 15 gram of gas as	s of H ₂ O is heated unti s it is released into a ba	l all the gas is evaporated lloon? V= nk nHg at 6°C. The temper	1. At 100°C and 0.83	d 1 atm what is t	the volume $\frac{373}{373}$ - 25	,4 <u>L</u>
4	50°C. V	What is the new pressure $\frac{\rho_2 \nu_1}{\sqrt{1}}$	mig at 0°C. The temper	K 1710	over the next 9 day $\frac{\times}{373}$	x = 1976	2 mm/
	same 1-1 utity of ouc N	ass of N ₂ gas exerts the liter bottle. - 560 does NOT 1 ead equal mo called with a volume	same pressure as Cl ₂ at walk— eas of Pouticles of 80L at 13°C is brough	STP assuming to $11 \cdot \frac{1}{23.4}$ 0.0446 at to a temperature $3 = 286$	k = 6.0	446 mol N2 me ric 3.16 at is the 3 = 313	5)
New Q	PV= nR	Te 225 Co. 275.0.05	144 5 = 0.5 121 - 273 2 UL = 2.5 A	/			