Gas Law Worksheet 1

P ₁ V T	$\frac{\mathbf{V}_1}{\Gamma_1} = \frac{\mathbf{P}_2 \mathbf{V}_2}{\mathbf{T}_2} \mathbf{N}$	ame of equation:	
PV	V = nRT No	ame of equation:	
Write the equation used to convert from Celsius degrees to Kelvin:			
Write down the values of standard temperature and pressure (STP):			
1.	Rewrite the combined gas $P_2 =$	is law as if you are solving for P_2 .	
2.	Rewrite the combined ga	s law as if you are solving for V_1 .	
	$V_1 =$		
3.	Rewrite the ideal gas law n =	v as if you are solving for n.	
4.	Rewrite the ideal gas law	as if you are solving for V.	
	V =		
5.	Write down two reasonal	ble values for R:	
	nestions 6 - 12. Write down	n all variables and what values you are given for them. Indicate which variable you the general equation.	ar
6.	size of the container star	e given: The gas inside of a flexible container at 25°C has a pressure of 0.25 atm. ts out holding 3 L of gas. When it is heated to 30°C, its pressure is also increased d to the volume of the container?	
P ₁ =		$P_2 = V_2 =$	
$T_1 =$		$T_2=$	

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