

Topic: Temperature, Pressure and Volume Relationships	Name:	Date:
Questions/Main Ideas:	Notes:	
What is the relationship between pressure and volume?		
If a balloon filled with helium has a volume of 1.00 L at 1.00 atm, what will the volume be at 790. mm Hg?		
What is temperature?	<ul style="list-style-type: none"> The absolute temperature of a gas is a measure of the average _____ of its molecules Uses the Kelvin scale $K = ^\circ C + 273$ 	
What is absolute zero?	The Temperature at which _____ motion _____ (Zero Kelvin)	
What is the relationship between temperature and volume?		
If a 2.00 L balloon filled with air at 20. °C is placed in a freezer at 0 °C, what will the new volume of the air be?		
What is the relationship between pressure and temperature?		
What is STP?	Standard _____ and _____ = 0 °C or _____ K = 1atm	
<i>Complete the final problem on the back of the page.</i>		
Summary and Question(s) I have:		

