itute numbers into the formula, and show units nal answer. re is increased to 188 kPa, what will be the new volume? 988 atm. What is the new pressure if the sample is placed in
988 atm. What is the new pressure if the sample is placed in
rupies 145.7 mL at 1.08 atm pressure. What is the new plying force to the piston?
pressure to fill an evacuated 4.00 L reaction vessel in which he gas in the cylinder?
obstitute numbers into the formula, and show

2. The temperature inside my refrigerator is about 4.00°C. If I place a balloon in my fridge that is initially 22.0°C and 0.500 liters, what is the volume of the balloon when it is fully cooled by my refrigerator?

3.	A gas at 89.0°C occupies a volume of 0.670 L. At what temperature will the volume increase to 1.12 L?
4.	The temperature of a 3.00 L sample of gas is lowered from 80.0°C to 30.0°C. What is the resulting volume of this gas?
units	LUSSAC'S LAW: Write the correct formula used, substitute numbers into the formula, and show and correct significant figures. Be sure to circle/box your final answer. Remember all temperatures be expressed in Kelvin (K).
1.	A gas in a container has a pressure of 134 kPa at 42.0°C. If pressure in the container increases to 223 kPa, what is the new temperature?
2.	The pressure in an automobile tire is 1.88 atm at 25.0° C. What is the pressure if the temperature warms up to 37.0° C?
3.	Helium gas in a 2.00 L cylinder is under 1.12 atm pressure. At 36.5°C, that same gas has a pressure of 2.56 atm. What was the initial temperature of the gas in the cylinder?
4.	A rigid plastic container holds 1.00 L of methane gas at 660. Torr when the temperature is 22.0°C. How much <u>MORE</u> pressure will the gas exert if the temperature is raised to 44.6°C?