NAME KEY	
Gases Take Home Review Quiz REATE A DATA BOX, SHOW YOU	JR WORK, CIRCLE YOUR ANSWERS EACH PROBLEM, WRITE THE NAME OF GAS LAW USED
1) A container of gas contains 35 mL of that the new volume of the container is 7 GAS LAW USED: BOYLE'S	gas at a pressure of 1.0 atm. If the container is expanded such 75 mL, what will be the new pressure of the gas inside.
	. 467atm
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altitude where the pressure is 52 kPa, and balloon? GAS LAW USED: OMBINED	f 25 liters at STP. You release the balloon and it rises to an all the temperature is -23°C. What will be the new volume of your GAS LAW
	44.62
contains a warning stating that if the conte	pressure of 1350 torr and a temperature of 20°C. The can ents of the can experience a pressure of greater than 2500 torr, to a temperature of 300°C, will the can explode?
	2640 torr

gronion is list a

YES IT WELL EXPLODE

4) Johnny performed a lab in which of 125 mL and was collected at a procollected? Give your answer in K a GAS LAW USED:	n he collected 0.5% grams of butane gas (C <sub>4</sub> tessure of 750 torr. What was the temperate and in °C.  6-A5 LAW	H <sub>10</sub> ). The gas had a volume are of the gas which Johnny
		[ 152,95K
		120.05°C
volume of this gas is 273 mL. Determine the identity of this gas:  NO <sub>2</sub> CO <sub>2</sub> O <sub>3</sub> Cl <sub>2</sub> O	known gas at a temperature of 20 °C and a mine the molar mass of the unknown gas.	pressure of 1.0 atm. The Of the following choices,
		44glmol )
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6) The atmosphere on a mountain to pressure of 475 mmHg, and carbon d atmosphere? Express your answer in GAS LAW USED: DALTON'S PRESSURE	LAW OF PACTEAL	mmHg, nitrogen gas at a is the total pressure of the
		592 mmHg ,7790 atm/