

## GAS LAWS PART I I

NAME \_\_\_\_\_

SECTION \_\_\_\_\_

1. Distinguish between the gas, liquid, and solid phase by listing the unique properties of each that are not shared by the others.

Gas:

Liquid:

Solid:

2. When an aerosol can is full at 25 °C, the internal pressure is 2.50 atm. What is the new internal pressure at 1000 °C?

3. If 1.00 moles of an ideal gas at 1.00 atm and 273 K (STP) occupies a volume of 22.4 L, calculate the value and determine the units for R.

