

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

### Ideal Gas Law & Stoichiometry – Ch. 11 (p. 334-335, 340-350)

1. At what temperature will 0.0100 mole of argon gas have a volume of 275 mL at 100.0 kPa?

GIVEN	GAS LAW	WORK
	FORMULA	
ANSWER:		

2. What is the volume occupied by 36.0 g of water vapor at 125°C and 102 kPa?

GIVEN	GAS LAW	WORK
	FORMULA	
ANSWER:		

3. What mass of carbon dioxide will occupy 5.5 L at 5°C and 0.74 atm?

GIVEN	GAS LAW	WORK
	FORMULA	
ANSWER:		