

Science  
Temperature/Pressure/Volume

NAME \_\_\_\_\_

DATE \_\_\_\_\_

Directions: Identify how temperature affects pressure and volume by using the word bank below.

|                            |                           |
|----------------------------|---------------------------|
| Increased volume/pressure  | decreased volume/pressure |
| Volume/pressure stays same | Increased volume/pressure |



Directions: Answer the questions below based on class discussion and class notes. Use the words temperature, pressure, and volume in your answers.

1. What happens to a tire on a car during the wintertime when the temperature is extremely cold? \_\_\_\_\_

---

---

2. When a house pot is filled with water and placed on a stove and the stove is turned on high, what happens to the water in the pot? Explain what happens to the temperature, pressure, and volume. \_\_\_\_\_

---

---

---

---

---

---

3. What happens to a can of Lysol when you are through with it and you put it in an incinerator? Explain using the terms temperature, volume, and pressure. \_\_\_\_\_

---

---

---

---

---