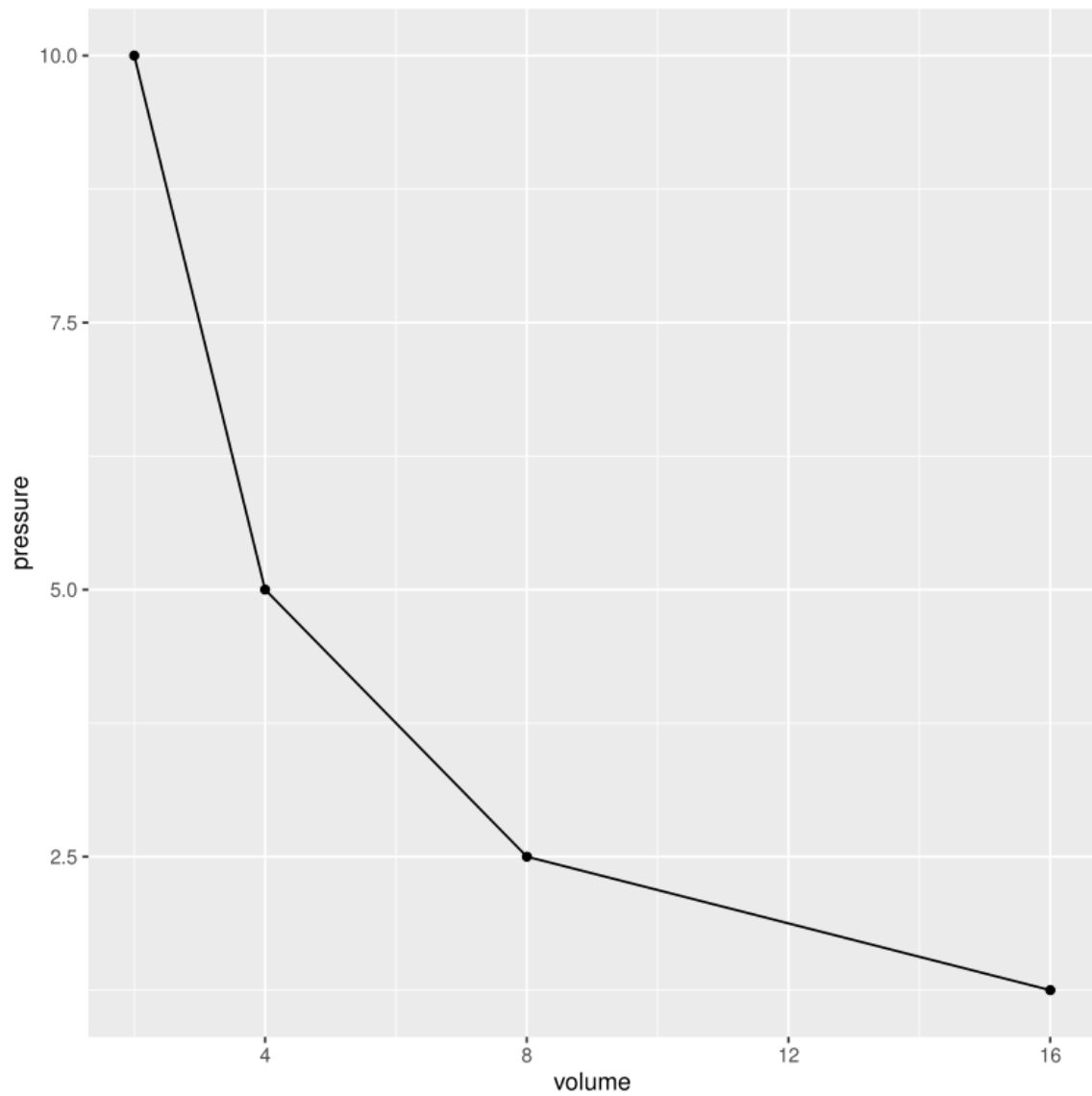**Name:** Paul Gerald D. Pare                    **Section:** 10-Hawking

## Activity 4. Complete the Gap

**Objective:** Determine the relationship between pressure and volume of gas. **Direction:** Find the value of the items on the black by using the formula V x P.

| Trial | Volume (V) | Pressure (P) | V x P |
|-------|------------|--------------|-------|
| 1 | 2 | 10 | 20 |
| 2 | 4 | 5 | 20 |
| 3 | 8 | 2.5 | 20 |
| 4 | 16 | 1.25 | 20 |

Make a simple line graph of volume and pressure relationship using the data on the table. Describe the relationship between volume and pressure.

The graph shows that the relationship between pressure and volume is inversely proportional in which one variable increases which is the pressure and the other one decreasing which is the volume.