Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period \_\_\_\_\_\_

**Air Pressure and Cloud Formation Lab**

**DATA TABLE:**

Directions: Write at least 3 sentences in each prediction and observation box. Describe everything you see.

|  |  |  |
| --- | --- | --- |
| **Air Pressure in bottle** | **Prediction**  **(What I think will happen inside the bottle)** | **Observations**  **(What you see, not what you think happened)** |
| **High** |  |  |
| **Low** |  |  |

**CONCLUSION:**

1. Why did you add smoke to the bottle? (be precise and complete)
2. What happened to the air pressure inside the bottle when you squeezed the bottle?
3. What happened to the air pressure inside the bottle when you quit squeezing the bottle?
4. Describe what happened inside the bottle when you lowered the air pressure (quit squeezing). Be precise and complete, explain the entire process!
5. Use your own words to describe how air pressure and cloud formation are related.