**Phet Gas Laws**

Play around with the simulator for a while. Try different things. Make some explosions. Then answer:

**Temperature and Pressure**

How does temperature affect pressure?

When temperature goes \_\_\_\_, pressure goes \_\_\_\_\_\_\_.

List some data from the simulator that support this statement:

|  |  |  |
| --- | --- | --- |
| Trial | temperature | pressure |
| 1 |  |  |
| 2 |  |  |

**Volume and Pressure**

How does volume affect pressure?

List some data from the simulator that supports this statement:

When volume goes \_\_\_\_, pressure goes \_\_\_\_\_\_\_.

|  |  |  |
| --- | --- | --- |
| Trial | volume | pressure |
| 1 |  |  |
| 2 |  |  |

List some data from the simulator that support this statement:

**# Particles and Pressure**

How does amount of particles affect pressure?

List some data from the simulator that supports this statement:

When # particles goes \_\_\_\_, pressure goes \_\_\_\_\_\_\_.

|  |  |  |
| --- | --- | --- |
| Trial | # particles | pressure |
| 1 |  |  |
| 2 |  |  |

List some data from the simulator that support this statement: