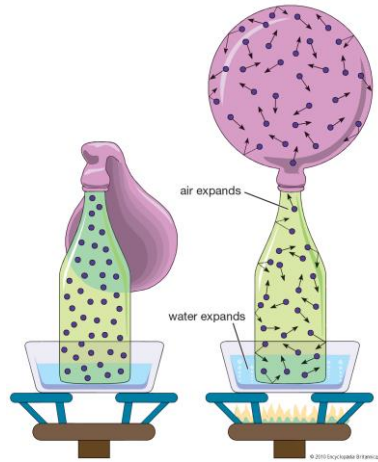


Heated air expands



# Examples of Gas Laws

M1 T2 L3

Drag and drop the statements on the left to answer each question on the right.

Temperature increased.

Temperature decreased.

Pressure increased.

Pressure decreased.

Volume will increase.

Volume will decrease.

Herbie has a baggie filled with air at 30 C. He puts it into a bowl of ice and the baggie is now 0 C.

a) What change occurred?

a) What will change as a result?

Drag and drop the statements on the left to answer each question on the right.

Temperature increased.

Temperature decreased.

Pressure increased.

Pressure decreased.

Volume will increase.

Volume will decrease.

Gertrude let go of a helium balloon, and it floated high in the sky.

a) What change occurred?

a) What will change as a result?

Drag and drop the statements on the left to answer each question on the right.

Temperature increased.

Temperature decreased.

Pressure increased.

Pressure decreased.

Volume will increase.

Volume will decrease.

Gertrude took a plastic container filled with hot steam and let it cool on a counter. She noticed it sunk inward (it imploded).

a) What change occurred?

a) What will change as a result?

Drag and drop the statements on the left to answer each question on the right.

Temperature increased.

Temperature decreased.

Pressure increased.

Pressure decreased.

Volume will increase.

Volume will decrease.

Herbie had an empty water bottle in his car. He crushed it inward, then his family drove down a mountain. When he got to the bottom, the bottle had pushed out back to normal size!

a) What change occurred?

a) What will change as a result?

Drag and drop the statements on the left to answer each question on the right.

Temperature increased.

Temperature decreased.

Pressure increased.

Pressure decreased.

Volume will increase.

Volume will decrease.

If a balloon is let go of outside and floats high into the sky, it will eventually pop. Why does this happen?

a) What change occurred?

a) What will change as a result?

a) So why does it pop?