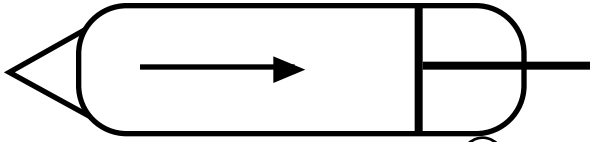


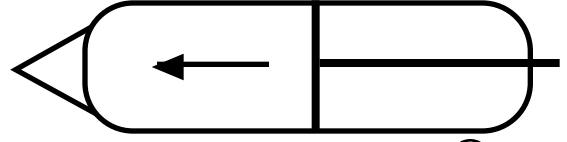
Name _____

Boyle's Law

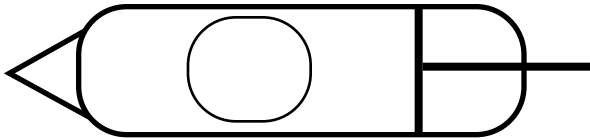
states that as the volume of a gas changes, so does its pressure.



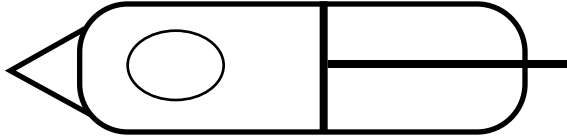
If the volume of a gas ,
then the pressure .



If the volume of a gas ,
then the pressure .



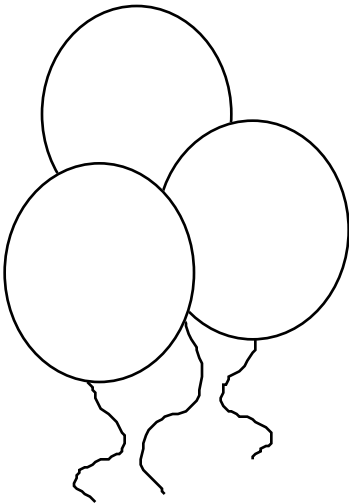
Air inside the syringe is under
_____ pressure, causing the
marshmallow to _____.



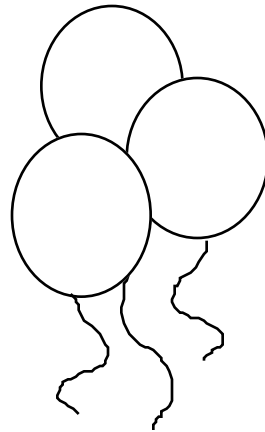
Air inside the syringe is under
_____ pressure, causing the
marshmallow to _____.

Charles' Law

states that as the temperature of a gas changes, so does its volume.



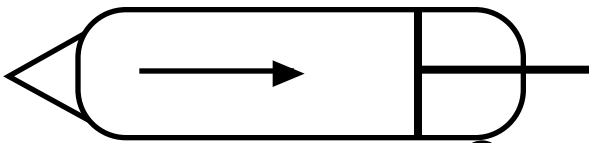
If the temperature of a gas ,
then the volume .



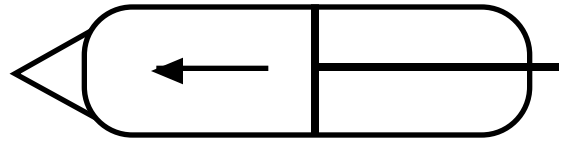
If the temperature of a gas ,
then the volume .

Boyle's Law

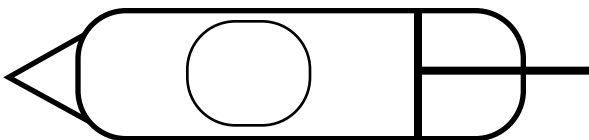
states that as the volume of a gas changes, so does its pressure.



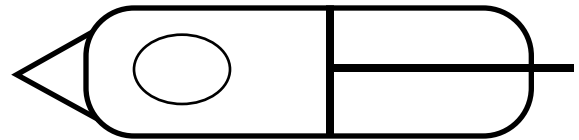
If the volume of a gas \uparrow ,
then the pressure \downarrow .



If the volume of a gas \downarrow ,
then the pressure \uparrow .



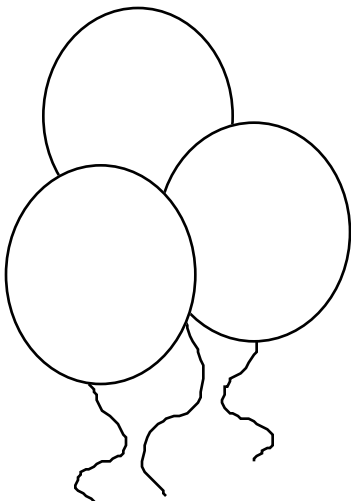
Air inside the syringe is under
LOW pressure, causing the
marshmallow to EXPAND.



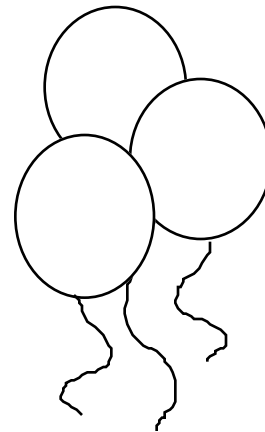
Air inside the syringe is under
HIGH pressure, causing the
marshmallow to SHRINK.

Charles' Law

states that as the temperature of a gas changes, so does its volume.



If the temperature of a gas \uparrow ,
then the volume \uparrow .



If the temperature of a gas \downarrow ,
then the volume \downarrow .