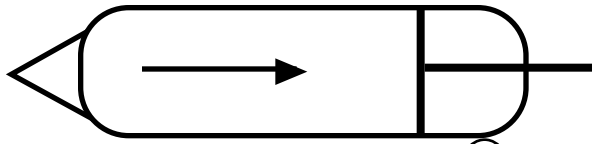


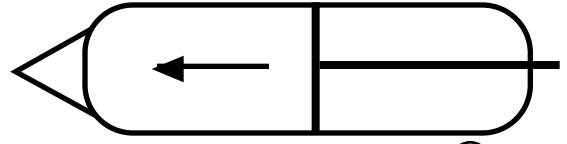
Name \_\_\_\_\_

### Boyle's Law

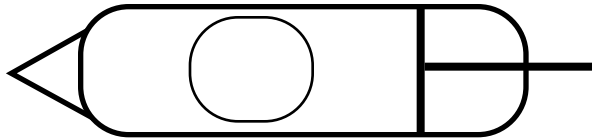
states that as the volume of a gas changes, so does its pressure.



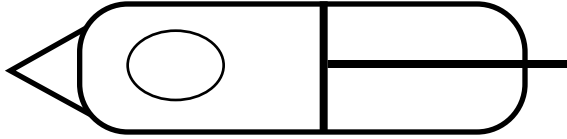
If the volume of a gas ,  
then the pressure .



If the volume of a gas ,  
then the pressure .



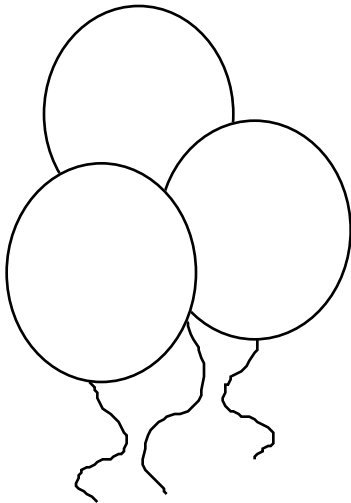
Air inside the syringe is under  
\_\_\_\_\_ pressure, causing the  
marshmallow to \_\_\_\_\_.



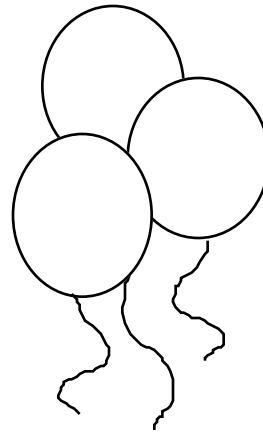
Air inside the syringe is under  
\_\_\_\_\_ pressure, causing the  
marshmallow to \_\_\_\_\_.

### Charles' Law

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



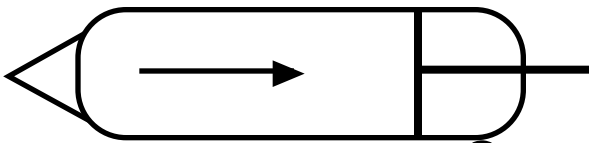
If the temperature of a gas ,  
then the volume .



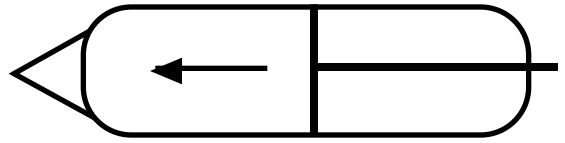
If the temperature of a gas ,  
then the volume .

## Boyle's Law

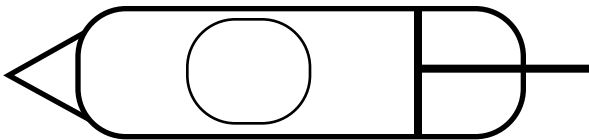
states that as the volume of a gas changes, so does its pressure.



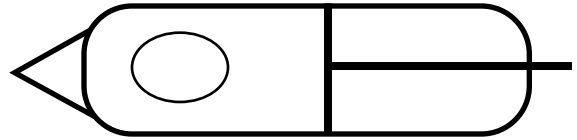
If the volume of a gas  $\uparrow$ ,  
then the pressure  $\downarrow$ .



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



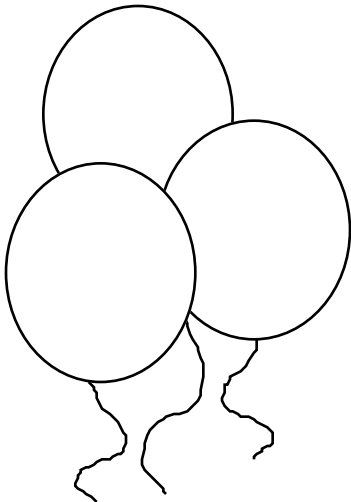
Air inside the syringe is under  
LOW pressure, causing the  
marshmallow to EXPAND.



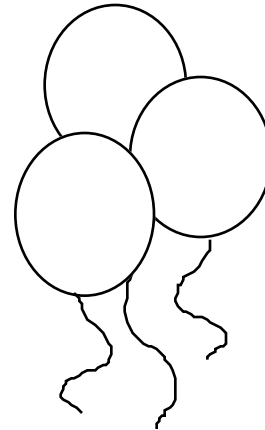
Air inside the syringe is under  
HIGH pressure, causing the  
marshmallow to SHRINK.

## 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  $\downarrow$ .