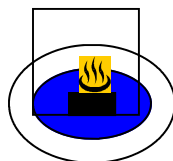


Name \_\_\_\_\_  
Period \_\_\_\_\_

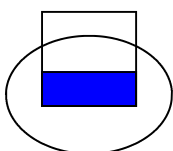
### Rising Water Demo



**T<sub>0</sub>** Plate with water and a candle in it.



**T<sub>1</sub>** Beaker is placed over Plate with water and a candle in it. Flame begins to go out.



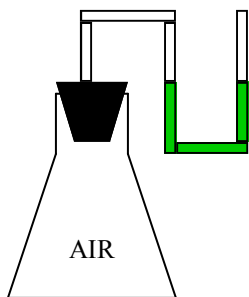
**T<sub>2</sub>** Candle extinguishes and water is absorbed into the beaker

Explain in terms of PTV

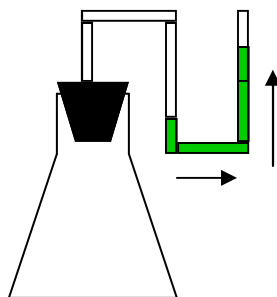
Students Must write up a *what happened and why* for each time (**T<sub>x</sub>**) above.

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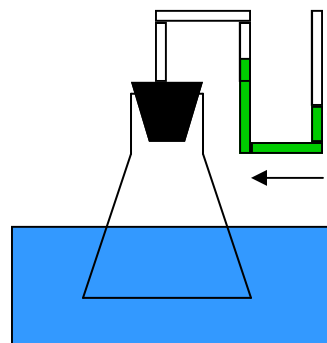
### Charles Law Demo



**T<sub>0</sub>** Erlenmeyer Flask with air in it. Colored water in glass tube.



**T<sub>1</sub>** Erlenmeyer Flask with air in it. Colored water in glass tube. Moves up when placed on hot plate.



**T<sub>2</sub>** Erlenmeyer Flask with air in it. Colored water in glass tube. Colored water moves back toward flask when placed in cool water bath.

Explain in terms of PTV

Students Must write up a *what happened and why* for each time (**T<sub>x</sub>**) above.