

Name \_\_\_\_\_

Date \_\_\_\_\_

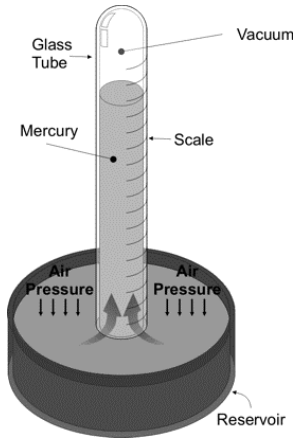
**Notes: Weather Variables**  
Measuring Air Pressure

The weight of a column of air is \_\_\_\_\_ pounds per square inch.

What is the weight of the air pushing down on the suction disc? \_\_\_\_\_

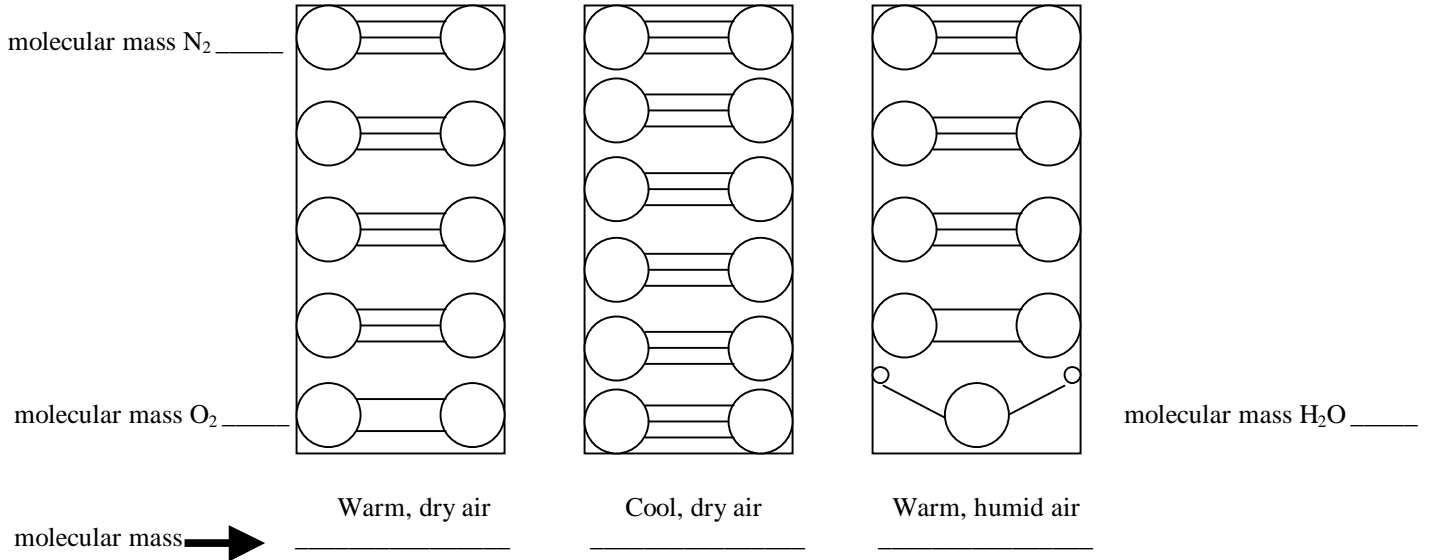
Hint:  $area_{(circle)} = \pi r^2$

The instrument used to measure air pressure is the \_\_\_\_\_



Standard air pressure at sea level is \_\_\_\_\_ inches or \_\_\_\_\_ mb

**Air Diagrams**



These are the two factors that affect air pressure: \_\_\_\_\_

This is why air pressure falls as temperature increases: \_\_\_\_\_

This is why air pressure falls as the amount of water vapor (dew Point) increases: \_\_\_\_\_