

Reading	Pressure of air in psi	Pressure in mmHg	1/Pressure (in sci. note. exp = 10^{-3})	Measured Syringe volume	Total Volume of air (add 5.0 mL)
1	15.2			24.8	
2	16.3			23.5	
3	17.5			21.9	
4	19.4			19.6	
5	14.2			27.0	
6	12.8			29.9	
7	11.7			32.5	
8	9.2			41.1	