

Temperature and Volume of Air (Constant Pressure)

Temperature (K)	266	273	301	320	345	355
Volume (mL)	4.5	4.6	5.1	5.4	5.8	6.0

Temperature (°C)	-7	0	28	47	72	82
Volume (mL)	4.5	4.6	5.1	5.4	5.8	6.0

$$\frac{5.1}{301} = \frac{V}{400}$$

$$\frac{5.1}{28} = \frac{V}{127}$$