

1. State Charles's Law.
2. Correct the following volume from the indicated temperature to standard temperature:
757 ml at 29.0 °C
3. Correct the following volume from the indicated temperature to standard temperature:
444 ml at 125.0°C
4. Make the following correction: 543 ml at 35.5°C to standard temperature.
5. Make the following correction: 7.91 liters at 35.5°C to 452 K.
6. A 258 ml volume of gas is collected at 48°C. What volume would this sample of gas occupy at standard temperature? Assume a constant pressure.
7. A 99.0 ml volume of gas is collected at 28°C. What volume would this sample of gas occupy at -25.0°C? Assume a constant pressure.