

T (C) Pressure (arcane pressure units)

0	13.8
27	15.1
100	18.9

-b/a -268.848 C
Estimate of Absolute Zero in C

$$P = \left(\frac{Nk_B}{V} \right) T$$

Fit:

$$P = aT + b$$

$$\text{So } P = 0 \text{ when } T = -\frac{b}{a}$$

