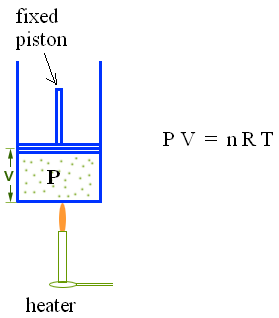
**EP208 Additional Document**

*Curve Fitting*

Consider a heated gas in a fixed volume.

The following data (stored in file TP.txt) contains

the temperature (T) in oC and the pressure (P) in hPa

of the gas.

Find the temperature in oC where the gas pressure

is zero.

**T(oC) P(hPa)**

**------- ------**

**0 1012**

**5 1021**

**10 1038**

**15 1065**

**20 1091**

**25 1111**

**30 1116**

**35 1133**

**40 1165**

**45 1171**

**50 1198**

**55 1223**

**60 1235**

**65 1258**

**70 1259**

**75 1280**

