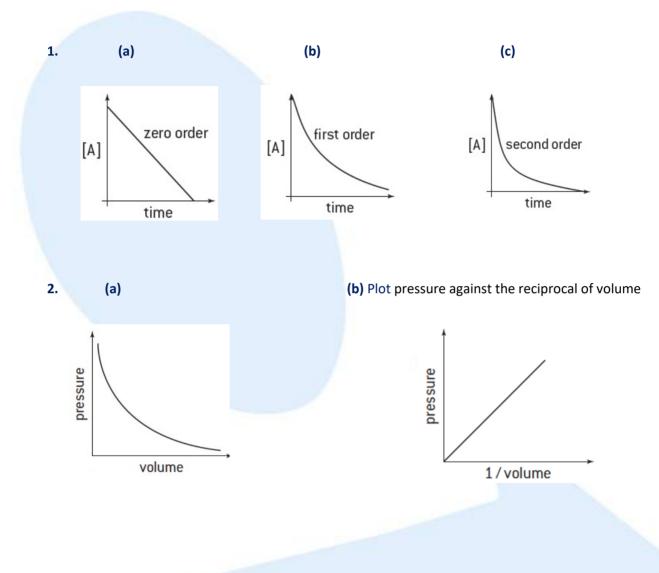


SL & HL Answers to Graphical techniques questions



- **3.** By interpolation, the concentration of iron(III) thiocyanate in the sample is 0.46 ppm.
- 4. Plot a graph of the volume measured (in cm³) on the y-axis and temperature (in °C) on the x-axis. Choose the scale so that the temperature measures from about – 300 °C to + 100 °C and the volume measures from 0 cm³ to about 150 cm³. Find the straight-line of best-fit. Extrapolate the line to determine what the temperature would be if V = zero. This value will be the value for absolute zero in °C.

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