ASSIGNMENT 1

CHEMISTRY 300

Due: 5:30 pm Friday 12 September 2008

1. Derive expressions for:

   (a) $\mathbf{V}$ and $\mathbf{v}$ in terms of $\mathbf{v_1}$ and $\mathbf{v_2}$.

   (b) $\mathbf{v_1}$ and $\mathbf{v_2}$ in terms of $\mathbf{V}$ and $\mathbf{v}$.

2. Do question 2 on page 818 of your text.

3. Do question 4 on page 819 of your text.

4. Do question 10 on page 819 of your text.