Chem 1310 I

Assignment Sheet VI

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday, September 20</td>
<td>EXAM I</td>
</tr>
<tr>
<td>Wednesday, September 22</td>
<td>Gas Law Calculations</td>
</tr>
<tr>
<td>Friday, September 24</td>
<td>Phase Transitions</td>
</tr>
</tbody>
</table>

We will examine the use of the Ideal Gas Law and consider the ways in which real gases differ from ideality. We will then move onto to a consideration of condensed phases (liquids and solids) and of transition between phases. The assignment given below deals with the week’s lectures.

Homework:
(All references are to page numbers and problem numbers in the textbook, Chemistry: Science of Change.)

p. 233, #33, 39, 45, 47
p. 234, #49, 53
p. 236, #88, 90
p. 237, #93, 98
p. 289, #3, 5
p. 290, #15, 17

The answers for this assignment are due in lecture on Monday, Sept. 27. Show your work to receive credit. Make sure that you have put your name and section number on your paper.