How to take notes and do homework
See Powerpoint titled “Log in to course and tour of course home page” if you don’t know how to access the modules.
To take notes:

Click on Module 1

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To take notes:

Click on Homework 1.1
To take notes:

Open the eText
Identify section objectives

9.1 Set Operations and Compound Inequalities

The table shows symptoms of an underactive thyroid and an overactive thyroid.

<table>
<thead>
<tr>
<th>Underactive Thyroid</th>
<th>Overactive Thyroid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sleepiness, s</td>
<td>Insomnia, i</td>
</tr>
<tr>
<td>Dry hands, d</td>
<td>Moist hands, m</td>
</tr>
<tr>
<td>Intolerance of cold, c</td>
<td>Intolerance of heat, h</td>
</tr>
<tr>
<td>Goiter, g</td>
<td>Goiter, g</td>
</tr>
</tbody>
</table>


Let $N$ be the set of symptoms of an underactive thyroid, and let $O$ be the set of symptoms of an overactive thyroid. Suppose we are interested in the set of symptoms that are found in both sets $N$ and $O$. In this section, we discuss the use of the words and and or as they relate to sets and inequalities.

**OBJECTIVE 1** Find the intersection of two sets. The intersection of two sets is defined with the word and.

**Intersection of Sets**

For any two sets $A$ and $B$, the intersection of $A$ and $B$, symbolized $A \cap B$, is defined as follows:

$$A \cap B = \{ x \mid x \text{ is an element of } A \text{ and } x \text{ is an element of } B \}.$$
Read the text and take notes

In the large blank section write:

- Words that are bolded and their definitions
- Information found in boxes and tables

Try writing explanations in your own words to make sure you understand the concept.
Fill in section objectives in your notes

1. Write our text learning **OBJECTIVE** word for word. Write one example demonstrating that objective.
   - **OBJECTIVE 1:**
     - **EXAMPLE**
   - **OBJECTIVE 2:**
     - **EXAMPLE**
   - **OBJECTIVE 3:**
     - **EXAMPLE**
Add matching examples for each section objective.
Watch the video clip for more clarification.
To do homework:

Before starting your first homework assignment, watch this video tour of the MyMathLab program:
http://media.pearsoncmg.com/cmg/pmmg/player_tour/v2_player/howtoenteranswersv2.html
To do homework:

Read the module instructions
To do homework:

Click on Module and HW section
To do homework:

Click here to open homework.

Disable pop-up blockers.
To do homework:

Click here to open homework
To do homework:

Click here to start homework
To do homework:

You are now in the MyMathLab homework. Follow the instructions from the video linked on the earlier slide to successfully complete your homework.
To do homework:

Use these resources to help you. Also, you can print the assignment and come back later and enter your answers, if you prefer.