

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:

MATH 1010 Fall 12 24298 Van Wagoner

Instructor: Kathryn Van Wagoner

Tools: Doc Sharing | Dropbox | Tech Support | Help

Course Home

Announcements

[Expand All](#)

Announcement	Submitter	Date/Time *
There are no active announcements in this course.		

Module Instructions

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- Module 4
- Module 5
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- Module 7

Click on Module 1

Before you begin working:

- **IMPORTANT!** Run the [MyMathLab Browser Check](#) to make sure you have all the components you need to view the exercises and multimedia in your course.
- Watch the [How to Enter Answers Using the MathXL Player](#) tour for guidance on entering math notation when you're working on a homework assignment, quiz, or practice exercise in MyMathLab.

To take notes:

weber.mylabsplus.com/re/DotNextLaunch.asp?courseid=7288927&userid=13973270&sessionid=a13f36541f&tabid=Lo+6gMHaYBdxUqpINIOwApp8X...

Pin It Psychology 205 Proc

MATH 1010 Fall 12 24298 Van Wagoner
Instructor: Kathryn Van Wagoner

Tools: Doc Sharing | Dropbox | Tech Support | Help

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2: Module 1

Module 1

Access this module's homework assignments and quiz from the menus on the left.

Click on Homework 1.1

To take notes:

MATH 1010 Spring 13 34375 H... weber.mylabsplus.com/re/DotNextLaunch.asp?courseid=7724217&userid=12333564&sessionid=592bfa0eaa&tabid=1qpZ Google

MATH 1010 Spring 13 34375 Harden
Instructor: Elizabeth Harden
Tools: Course Admin Doc Sharing Dropbox Tech Support Help

Course Author

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2: Module 1 - HW 1.1

HW 1.1: Section 9.1 - Set Operations and Compound Inequalities

- Print the Note Sheet for HW 1.1 if you do not have the copy from your folder.
Click on the Doc Sharing button at the top of the page and navigate to the Note Template link and print Note Sheet: HW 1.1
- Study the interactive [etext](#) and/or Watch the [Video Lecture](#) for HW 1.1 and take notes.
- Do the [Homework](#).
- You may use the [Guides](#) as a resource.

Open the eText

Identify section objectives

media.pearsoncmg.com/aw/aw_lial_beginter_4/ebook/mbi04_flash_main.html?chapter=null&page=620&anchory=null&pstart=null&pend=null

Margaret L. Lial, John Hornsby, and Terry McGinnis
Beginning and Intermediate Algebra, Fourth Edition

PEARSON
Addison
Wesley

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620 CHAPTER 9 Inequalities and Absolute Value

9.1 Set Operations and Compound Inequalities

OBJECTIVES

- 1 Find the intersection of two sets.
- 2 Solve compound inequalities with the word *and*.
- 3 Find the union of two sets.
- 4 Solve compound inequalities with the word *or*.

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

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

Source: *The Merck Manual of Diagnosis and Therapy*, 16th Edition, Merck Research Laboratories, 1992.

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.

Name: _____ (Circle one) 0950 0990 1000

Module: _____ H.W. Number: _____ Textbook Section: _____

A. Take notes while reading the textbook or watching the lecture videos. Write out any definitions, formulas, properties, or procedure steps.

B. Write out each learning OBJECTIVE word for word. Write one example demonstrating that object



Fill in section objectives in your notes

Zoom Move Text Select Annotate View Search

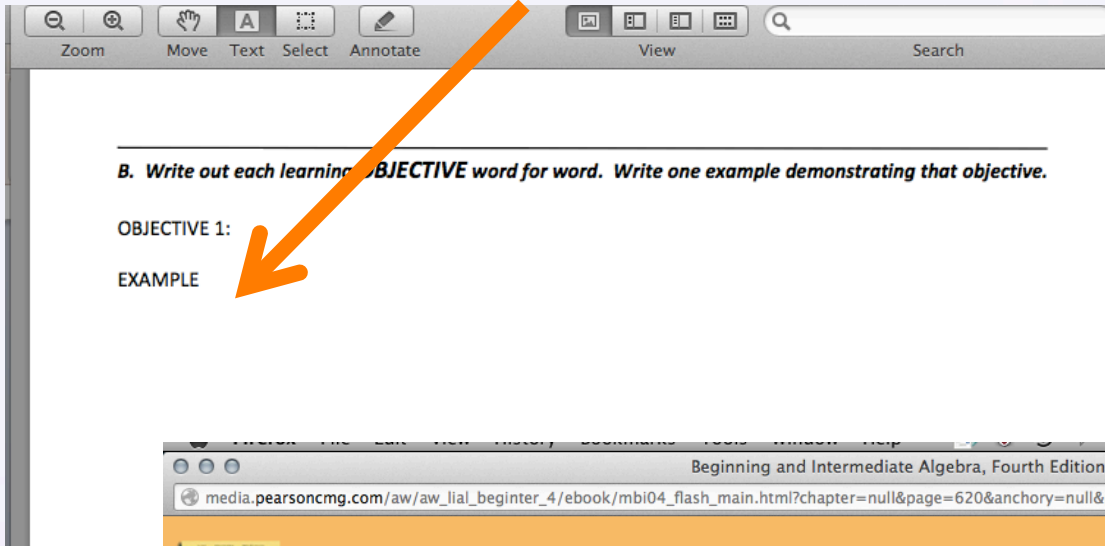
write out each learning **OBJECTIVE** word for word. Write one example demonstrating that objective.

OBJECTIVE 1:
EXAMPLE

OBJECTIVE 2:
EXAMPLE

OBJECTIVE 3:
EXAMPLE

Add matching examples for each section objective



Beginning and Intermediate Algebra, Fourth Edition

media.pearsoncmg.com/aw/aw_lial_beginter_4/ebook/mbi04_flash_main.html?chapter=null&page=620&anchory=null&pstart=null&pend=n

Margaret L. Lial, John Hornsby, and Terry McGinnis
Beginning and Intermediate Algebra, Fourth Edition

Chapter 9: Inequalities and Absolute Value: 9.1 Set Operations an...
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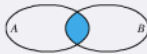
Contents

atoms 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:

$$A \cap B = \{x | x \text{ is an element of } A \text{ and } x \text{ is an element of } B\}.$$


EXAMPLE 1 Finding the Intersection of Two Sets

Let $A = \{1, 2, 3, 4\}$ and $B = \{2, 4, 6\}$. Find $A \cap B$.

The set $A \cap B$ contains those elements that belong to both *A* and *B*: the numbers 2 and 4. Therefore,

$$\begin{aligned} A \cap B &= \{1, 2, 3, 4\} \cap \{2, 4, 6\} \\ &= \{2, 4\}. \end{aligned}$$

Now Try Exercise 7.

Two orange arrows point from the 'OBJECTIVE 1' section to the 'EXAMPLE 1' section.

Watch the video clip for more clarification

Beginning and Intermediate Algebra

media.pearsoncmg.com/aw/aw_lial_beginter_4/ebook/mbi04_flash_main.html?chapter=null&page=...

Margaret L. Lial, John Hornsby, and Terry McGinnis
Beginning and Intermediate Algebra, Fourth Edition

Chapter 9: Inequalities and Absolute Value: 9.1 Set Operations and Set Notation


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...tions of an overactive thyroid. Suppose we are interested in the set of people who are found in *both* sets N and O . In this section, we discuss the use of *and* or *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 by $A \cap B$, is defined as follows:

$$A \cap B = \{x \mid x \text{ is an element of } A \text{ and } x \text{ is an element of } B\}$$



EXAMPLE 1 Finding the Intersection of Two Sets

Let $A = \{1, 2, 3, 4\}$ and $B = \{2, 4, 6\}$. Find $A \cap B$.

The set $A \cap B$ contains those elements that belong to both A and B . The elements 2 and 4 are in both sets. Therefore,

$$\begin{aligned} A \cap B &= \{1, 2, 3, 4\} \cap \{2, 4, 6\} \\ &= \{2, 4\}. \end{aligned}$$

Let $A = \{1, 2, 3, 4, 5, 6\}$ and $B = \{1, 3, 5\}$.
Specify the set.

$$B \cap A$$


00:07/00:53

To do homework:

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

The screenshot displays the MyMathLab interface. On the left is a dark blue navigation menu with the Pearson logo at the top. The menu items are: Welcome, The Player window (highlighted), Entering answers, The math palette, The graphing tool, Doing homework, Taking tests, and Getting more help. The main content area is titled "Homework: Chapter 1 homework" and includes an "Overview" link. It shows a progress bar for "Exercise 1.1.11" with 10 steps, where step 3 is active. Below the progress bar, it displays "Exercise Score: 0 of 1 pt" and "Assignment Score: 0% (0 of 10 pts)". The problem text reads: "Solve using the principles together. Don't forget to check." followed by the equation $7(3x + 5) = 11 - (x + 9)$. Below the equation, it says "The solution is $x = -$ " followed by an input field containing a minus sign. A note below the input field says "(Simplify your answer. Type an integer or a fraction.)". On the right side of the problem area, there are several buttons: "Help Me Solve This", "View an example", "Textbook" (highlighted in yellow), "Video", "Animation", "Ask My Instructor", and "Print". At the bottom of the problem area, there is a text input field with the instruction "Enter any number or expression in the edit field, then click Check Answer." and three buttons: "Clear All", "Check Answer", and "Save". At the bottom of the entire interface, there is a video player control bar with a timestamp of 01:29 / 02:20.

The Textbook button opens up the section you're studying in the electronic version of your textbook.

To do homework:

weber.mylabsplus.com/re/DotNextLaunch.asp?courseid=7288871&userid=12333564&sessionid=f60ce3b24c&tabid=GDil5RhkLZc6XxuN063NaH68D...

MATH 1010 Fall 12 24043 Van Wagoner
Instructor: Kathryn Van Wagoner

Tools: Course Admin | Doc Sharing | Dropbox | Tech Support | Help

Kathryn Van Wagoner Home

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HW 1.4
HW 1.5

1: Module Instructions

Module 1

For each of the 10 modules, you will need to do the following:

- Study and learn the material for each section. You will need to study the interactive **etext** and/or view the **Video Lectures** for each section.
- Take **Notes** on each section. Place them in your Notebook.
- Do the **Homework** for each section. Put your worked homework problems in your Notebook.
- When you have completed the homework for each module, you will then prepare for and take the **quiz** for the module you are working on.
- In order to take the **quiz**, you will need to bring Wildcard ID or State ID to the Hub. All quizzes must be taken at one of the Hub locations. Put your quiz scratch paper in your Notebook.

Read the module instructions

the **Course Home** area to help you. You will want to become familiar with the following:

here to follow your progress and review and improve scores.

- **Study Plan:** You can go here to see your progress and do practice exercises. Your study plan is continually updated.
- **Additional Resources:** You can go here to find other learning tools.

Module 4

Module 5

Module 6

To do homework:

weber.mylabsplus.com/re/DotNextLaunch.asp?courseid=7288871&userid=12333564&sessionid=f60ce3b24c&tabid=GDil5RhkLZc6XxuN063NaH68D...

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Module 1

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- In order to take the **quiz**, you will need to bring Wildcard ID or State ID to the Hub. All quizzes must be taken at one of the Hub locations. Put your quiz scratch paper in your Notebook.

There are many resources in the **Course Home** area to help you. You will want to become familiar with the following:

- **Additional Resources:** You can go here to find other learning tools.

Click on Module and HW section

To do homework:

MATH 1010 Spring 13 34375 H...

weber.mylabsplus.com/re/DotNextLaunch.asp?courseid=7724217&userid=12333564&sessionid=592bfa0eaa&tabid=1qpZ

Most Visited Getting Started Pin It Psychology 205 ...

MATH 1010 Spring 13 34375 Harden
Instructor: Elizabeth Harden

Tools: Course Admin Doc Sharing Dropbox Tech Support Help

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2: Module 1 - HW 1.1

HW 1.1: Section 9.1 - Set Operations and Compound Inequalities

- Print the Note Sheet for HW 1.1 if you do not have the copy from your folder.
Click on the Doc Sharing button at the top of the page and navigate to the Note Template link and print Note Sheet: HW 1.1
- Study the interactive [etext](#) and/or Watch the [Video Lecture](#) for HW 1.1 and take notes.
- Do the [Homework](#).
- You may use the [Power Point Slides](#) as a resource.

Click here to open homework

Disable pop-up blockers

To do homework:

weber.mylabsplus.com/re/DotNextLaunch.asp?courseid=7288871&userid=12333564&sessionid=f60ce3b24c&tabid=GDil5RhkLZc6XxuN063NaH68D...

MATH 1010 Fall 12 24043 Van Wagoner
Instructor: Kathryn Van Wagoner

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Homework and Tests: Homework

Show All | Homework | Quizzes & Tests | Units

Unit 1 | Go

All Homework Assignments for Unit 1

Due	Assignment	Time Limit	Attempts	Gradebook Score
09/04/12 11:59pm	HW 1.1 (Sections 2.8, 9.1)			see score
09/04/12 11:59pm	HW 1.2 (Section 9.2)			past due
09/04/12 11:59pm	HW 1.3 (Sections 3.2, 9.3)			past due
09/04/12 11:59pm	HW 1.4 (Sections 2, 8.4)			past due
09/04/12 11:59pm	HW 1.5 (Section 9.2)			past due

This course
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Click here to open homework

To do homework:

weber.mylabsplus.com/re/DotNextLaunch.asp?courseid=7724186&userid=12333564&sessionid=ea42267002&tabid=yTe0a1pJgH3UV9ujx6hx7KVv5...

MATH 1010 Spring 13 33854 Van Wagoner
Instructor: Kathryn Van Wagoner

Tools: Course Admin | Doc Sharing | Dropbox | Tech Support | Help

Homework Overview Legend

Name: HW 1.1 (Sections 2.8, 9.1)
Due: 01/14/13 11:59pm
Last Worked:
This homework will **not** affect Study Plan mastery.
Current Score: 0% (0 points out of 18)
Number of times you can complete each question: unlimited

You must score at least 70% before you can begin HW 1.2 (Section 9.2)

Reminder

Questions: 18	Scored: 0	Correct: 0	Partial Credit: 0	Incorrect: 0
Question 1 (0/1)		Question 2 (0/1)	Question 3 (0/1)	
Question 4 (0/1)		Question 5 (0/1)	Question 6 (0/1)	
Question 7 (0/1)		Question 8 (0/1)	Question 9 (0/1)	
Question 10 (0/1)		Question 11 (0/1)	Question 12 (0/1)	
Question 13 (0/1)		Question 14 (0/1)	Question 15 (0/1)	
Question 16 (0/1)		Question 17 (0/1)	Question 18 (0/1)	

Click here to start homework

OK

To do homework:

weber.mylabsplus.com/re/DotNextLaunch.asp?courseid=7724186&userid=12333564&sessionid=ea42267002&tabid=yTe0a1pJgH3UV9ujx6hx7KVv5...

MATH 1010 Spring 13 33854 Van Wagoner
Instructor: Kathryn Van Wagoner

Tools: Course Admin | Doc Sharing | Dropbox | Tech Support | Help

Course Author

MyMathLab®

Kathryn Van Wagoner 1/5/13 9:03 AM

Homework: HW 1.1 (Sections 2.8, 9.1) Overview

2.8.33

Ex. Score: 0 of 1 pt HW Score: 0% (0 of 18 pts) 0 of 18 complete

Solve the inequality. Express the solution set in interval notation and graph form.

$$-2x < 10$$

Which is the correct interval notation for the solution set?

A. $(5, \infty)$ B. $(-5, \infty)$

C. $[-5, \infty)$ D. $(-\infty, 5)$

Click to select your answer, then click Check Answer.

Help Me Solve This
Video
Textbook
Calculator
Print

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:

The screenshot shows the MyMathLab interface for a course titled "MATH 1010 Spring 13 33854 Van Wagoner". The instructor is Kathryn Van Wagoner. The page displays a homework assignment for "HW 1.1 (Sections 2.8, 9.1)". The current question is 2.8.33, and the user has completed 0 of 18 questions. The question asks to solve the inequality $-2x < 10$ and express the solution set in interval notation and graph form. The user is asked to select the correct interval notation for the solution set from two options: A. $(5, \infty)$ and C. $[-5, \infty)$. On the right side of the interface, there are several resources available: "Help Me Solve This", "Video", "Textbook", "Calculator", and "Print". An orange callout box with an arrow points to these resources, containing the text: "Use these resources to help you. Also, you can print the assignment and come back later and enter your answers, if you prefer."