



Math 68, 78, 88, 98

Mathematics Division

# Math Module Courses Orientation

## Independent Study Mathematics Opportunities

Please pick up a red folder and make sure you get a course code handout, a yellow module log, and a blank contract.



Mathematics Division

Math 68, 78, 88, 98

## Contacting Me

- Name: Rochelle Mitchell
- E-mail: [rmitchell@greenriver.edu](mailto:rmitchell@greenriver.edu)
- Office: CH 301-13
- Office Hour: Monday through Thursday  
1:00 – 1:50 PM
- Phone: Use ALEKS or email instead of phones
- Make sure you get a copy of my card; there is a spot for it in the red folder. (The card may already be in there! 😊)



Mathematics Division

Math 68, 78, 88, 98

## Why a Math Module?

- You are taking a “regular” lecture or FLEX math course and want to improve your grade. (FLEX courses use Hawkes Learning Systems)
- You want to get ready for the course into which you were placed by the Compass test.
- You want to study on your own, with hopes of improving your Compass placement without taking a 5-credit class.



Mathematics Division

Math 68, 78, 88, 98

**In all cases:**

- For 2 credits, you are committing to doing 40 hours of work using the ALEKS software. (20 hours = 1 credit)
- Time is kept by the program so you don't need a time sheet.
- You must write **two** 1-page papers, one at the midterm, and one at the end of the quarter. (more on this later!)



# Math 68, 78, 88, 98

Mathematics Division

## Midterm Deadline

- **May 6 – 9, 2017**– **mark that on your contract on the line:** I will complete approximately half of my hours on ALEKS by the middle of the quarter and turn the red folder (with the midterm paper) into the MLC (CH-313) or my instructor during the middle week of the quarter. The middle of the quarter is: **May 6 – 9, 2017** (FILL IN DATES HERE!). (*These dates are on the Power Point Slides.*)
- You should have about 20 hours on ALEKS at the midterm deadline.
- Put the first 1-page paper in the front of your red folder. This should include a description of the resources the Math Division provides and which one(s) you took advantage of. More on this later.
- Drop the folder off in the **MLC**. Make sure your yellow **log sheet is included**. Pick the folder back up in the MLC in 1-2 days.



# Math 68, 78, 88, 98

Mathematics Division

## Final Deadline

- **June 13, 2017**– mark that on your contract on the line: I will return the red module folder with final and midterm papers to my instructor or the Math Learning Center (CH-313) on or before: **June 13, 2017**\_\_\_\_\_ (FILL IN DATE HERE)
- **Put BOTH 1-page papers in the front of your folder.** The final paper should be a description of what math you worked on and an evaluation of the course . More on this later.
- **Drop the folder off in the MLC (CH 313). Leave the initialed yellow log sheet with the folder.**

# Math 68, 78, 88, 98



Mathematics Division

Did you say papers in a math class?

Yes, here is what is required:

## Midterm paper:

- 1 **whole** page typed - regular margins, 12 point font, double spaced; this should be at least 350 words. (I will only count words if it looks short).
- Description of **all** (actually just a lot of) the *extra* resources provided by the Math Division and which one(s) you took advantage of. You must use at least one of them. Check your folder for some websites that might help you find some of the resources. (ALEKS is not a resource; it is a required part of the course.)



# Math 68, 78, 88, 98

Mathematics Division

## Recap of the papers

### More on the Midterm paper.

- You should approach the midterm in this way: Pretend you are writing an article for the school paper. Make your first sentences be something like the following.  
“Are you taking a math class? You should know about the extra resources that the Math Division has for math students.”
- Remember that you do not need to use all the resources; as you write your article, mention which one or ones you have used though. ALEKS is not a resource for this.
- Make sure you keep an electronic copy of the paper!!





# Math 68, 78, 88, 98

Mathematics Division

## Recap of the papers

### Final paper:

- 1 whole page typed (same deal: at least 350 words).
- A summary of what math you worked on. If there were applications of the math that you found useful or interesting, tell us about them.
- An evaluation of the course. Did it meet your needs? Did you do better in a regular math course (if you were taking one)? Did you pass the entrance exam (if you were attempting one)? Was ALEKS right for you?
- Make sure you keep an electronic copy of the paper!



Mathematics Division

# ALEKS Registration

- **Before You Begin you will need:**
  - A **10-Digit Course Code** provided by your instructor (see next slide)
  - A **20-Digit Student Access Code** purchased at the bookstore or purchased online

Some of the remaining slides will be duplicated in your red folder. If you open your red folder there is space to make notes. **The print in the red folder is small, so it helps to have the folder open for notes while you watch the rest of the slides or video.** The course codes will be on a separate handout. In the orientation I will go through these slides quickly; refer back to your notes in your folder when you buy the software.



## Mathematics Division

# Prior to Registration

- Before You Begin you will need:
  - A **10-Digit Course Code** provided by your instructor

Get your 10 digit course code from us. This is different for each course and each quarter. It will be on a separate handout AND HERE:

**Math 62R/Basic Math**

**TUWW6-KA4XF**

**Math 70R/Prealgebra**

**RGDMP-ARKPA**

**Math 72R/Beginning Algebra**

**QCEUY-K6JQU**

**Math 97R/Intermediate Algebra**

**QEXTX-LHPUV**

# Prior to Registration

- **Before You Begin you will need:**
  - A **20-Digit Student Access Code** purchased at the bookstore or purchased online.

Go to [http://www.aleks.com/sign\\_up/mhhe](http://www.aleks.com/sign_up/mhhe) and walk through the steps to purchase an Access Code. Be sure you order the “Higher-Ed 1- Quarter (11 weeks)” version for \$60. (see pictures on the next few slides). The other option, if you prefer, is to buy the code at the bookstore for about \$77. If someone is reimbursing you for the cost of the software or you don’t have a credit card, the bookstore option may be more attractive. Otherwise, many prefer to save the extra money. The Access Code you are buying is a 20 digit code.

# The link on the previous page gets you to here.



---

Teachers and instructors, find out how to **adopt** ALEKS for your class.

## STUDENTS: SIGN UP

**Using ALEKS with a Class?**

Register here if you are a new student user and need to use ALEKS with your class. To begin, enter your 10-character course code below. You should have received this code from your instructor.

Course code:  -  [what's this?](#)

**» CONTINUE**

[I don't have a course code](#)

[I need to extend an existing account](#)

After you put in the course code, you should see this confirmation. Make sure the course is the correct one. Hit continue.



HOME

1 CONFIRM  
COURSE CODE

2 ACCOUNT  
STATUS

3 COURSE  
ACCESS

4 STUDENT  
INFORMATION

5 ACCOUNT  
CREATION

6 REGISTRATION  
COMPLETE

### CONFIRM ENROLLMENT INFORMATION

You are about to register to use ALEKS in the following course. Please check the course details carefully. If the information is correct, click "Continue." If the information is incorrect, click "modify" to enter another course code.

Course: Rochelle Mitchell - Fall 2016 Math Module 097R (College)  
Subject: Intermediate Algebra  
Instructor: Ms. Mitchell  
School: Green River College (Modify)

Should say  
Ms. Mitchell

» CONTINUE

First time users pick the first option. If you already have a login, choose the second option.

---

1 CONFIRM  
COURSE CODE

2 ACCOUNT  
STATUS

3 COURSE  
ACCESS

4 STUDENT  
INFORMATION

5 ACCOUNT  
CREATION

6 REGISTRATION  
COMPLETE

---

## WELCOME TO ALEKS!

Have you used ALEKS before?

- ☐ I have never used ALEKS before or I do not have an ALEKS login name.
- ☐ I have an ALEKS login name.

» CONTINUE

---

On this page, you will find a link to buy the access code. If you already bought the access code at the bookstore, you enter the code in the boxes.



---

1 CONFIRM  
COURSE CODE

2 ACCOUNT  
STATUS

3 COURSE  
ACCESS

4 STUDENT  
INFORMATION

5 ACCOUNT  
CREATION

6 REGISTRATION  
COMPLETE

---

## STUDENT REGISTRATION: ENTER YOUR ACCESS CODE

### HAVE AN ACCESS CODE?

Please enter your 20-character access code. If you purchased a code online, locate your code in the confirmation email provided.

Access Code:

 -  -  - 

[what's this?](#)

» CONTINUE

### DON'T HAVE A CODE?


If you don't have an access code you can purchase one through our website.

» PURCHASE AN ACCESS CODE



You will see a pop up menu when purchasing your access code online. Be sure to choose the 11 Week option. (Short Access will NOT work.)

**PURCHASE A NEW CODE**  
**1. CHOOSE YOUR ACCESS LENGTH:**

 **11 Weeks (1 Quarter) - expires Dec 04, 2016** ▼

Select an Access Length

6 Weeks (Short Access) - expires Oct 28, 2016

**11 Weeks (1 Quarter) - expires Dec 04, 2016**

18 Weeks (1 Semester) - expires Jan 27, 2017

40 Weeks (2 Semesters) - expires Jul 05, 2017

52 Weeks (1 Full Year) - expires Sep 18, 2017

**2. CHOOSE YOUR ACCESS CODE:**

**ALEKS**  
AccessCode

**GEBRA:**

**\$ 60**  
11 Weeks

Expiration Date: 12/04/2016

» PURCHASE CODE

# Now, all you need to do is “Purchase Code” 😊

## PURCHASE A NEW CODE

### 1. CHOOSE YOUR ACCESS LENGTH:



11 Weeks (1 Quarter) - expires Dec 04, 2016 ▼

---

### 2. CHOOSE YOUR COURSE TYPE FOR INTERMEDIATE ALGEBRA:

ALEKS

*Access Code*

\$ 60

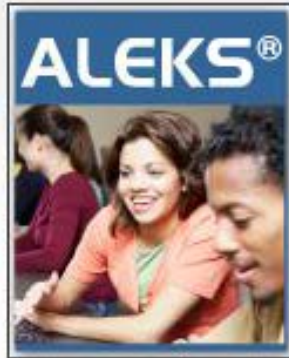
11 Weeks

Expiration Date: 12/04/2016

» PURCHASE CODE

The next few web pages after this one ask for a lot of information. They are not duplicated here.

You are registering for:



ALEKS for Intermediate Algebra: One-quarter (11 weeks)

\$60.00 USD

Register for your access code

First enter your information, then place your order.

Email Address

\* Email address:

Example: jdoe@email.com

You will use this email address to sign in.

# You must have a credit card for this option

## Billing information

Enter your billing information as it appears on your credit card statements.

- \* Cardholder Name:
- \* Address:
- \* Country:  ▼
- \* State:  ▼
- \* City:
- \* Zip Code:   
Example: 07410
- \* Phone Number:   
Example: 9175551111

After completing your registration and payment information, select “continue” at the bottom of the page. Review and place your order to complete your registration.

**IMPORTANT: If you are waiting on a financial aid check, let us know if you need a temporary code which gives you time before you have to pay.**



# Math 68, 78, 88, 98

Mathematics Division

## Using ALEKS

- When you log onto ALEKS (at [www.aleks.com](http://www.aleks.com)), you will start a tour of the program.

Winter 2016 Math Module 097R



Hi, Rochelle !

Espe

A screenshot of the ALEKS website's introductory tour. The main content area has a teal-to-green gradient background. At the top, it says "ALEKS is a personalized way to learn at your own pace." Below this is a diagram showing a path of white circles connected by lines, starting from two user avatars (one orange, one green) on the left and ending with a checkmark in a circle on the right. At the bottom of the main area are three small white circles, with the first one filled. A green "Next" button is at the bottom center, and a "Español" link is at the bottom right. The background shows parts of the website's header and a calendar snippet for January 2nd and 3rd.



# Math 68, 78, 88, 98

Mathematics Division

## Using ALEKS

- After a few clicks, you will complete a ALEKS Tools Tutorial.

The screenshot shows the ALEKS interface. At the top left is a hamburger menu icon and the text 'ALEKS®'. To the right of this is 'Winter 2016 Math Module 097R'. Below the header, on the left, is a teal box with the text 'UP NEXT : Take the Tools Tutorial' and a white button labeled 'GET STARTED'. On the right, there is a grid of icons: an eraser, a coordinate plane with an 'x' mark, and a pencil. Below these icons is a large orange-bordered button labeled 'Introduction to ALEKS Tools'. At the bottom right, there is a text box that says 'Your first task is to complete the Tools Tutorial.' with a question mark icon.

# Math 68, 78, 88, 98

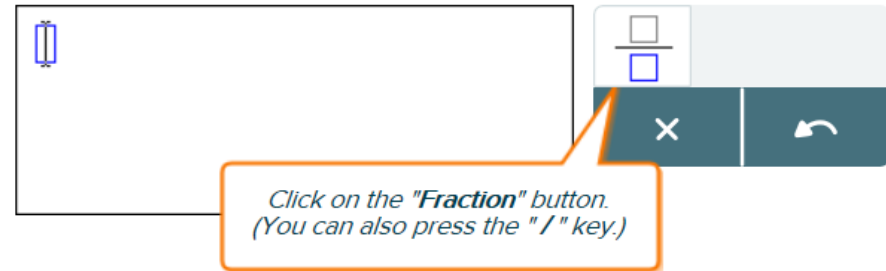


## Mathematics Division

## Using ALEKS

Follow the step-by-step instructions to **enter a fraction**.

You will learn  
some important  
information like  
how to enter  
answers into  
ALEKS. 😊



Next





Mathematics Division

# Math 68, 78, 88, 98

## Using ALEKS

Congrats, Rochelle.  
You've completed the  
Tools Tutorial.

You have unlocked your Initial Knowledge Check.

Continue

Next, you will take  
your Initial  
Knowledge Check.

UP NEXT :

Initial Knowledge Check

START KNOWLEDGE CHECK

Click  
here





Mathematics Division

Math 68, 78, 88, 98

## Initial Knowledge Check

- Before you do anything, you have to do an assessment, or knowledge check. You want to do this “honestly” meaning you don’t skip problems you can possibly do, and you don’t get help to do problems you really don’t know how to do. Both of those hurt your learning process, and remember that you are only graded on your time, not how well you do or how much of your pie is filled in. (See pie on later slide)

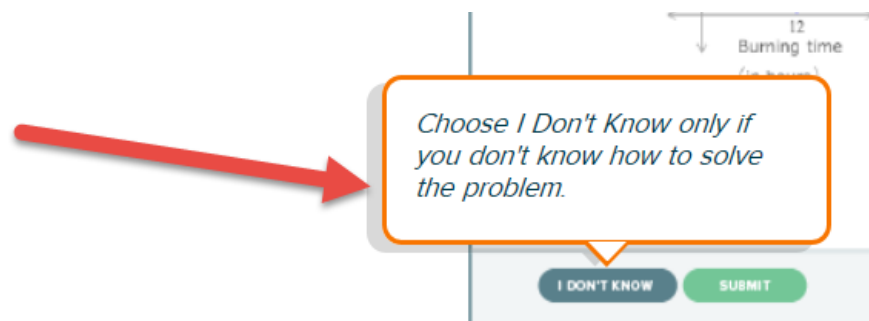


Mathematics Division

Math 68, 78, 88, 98

## Initial Knowledge Check

Remember, the best thing you can do if you don't know how to do a problem is say so. 😊



Start Knowledge Check

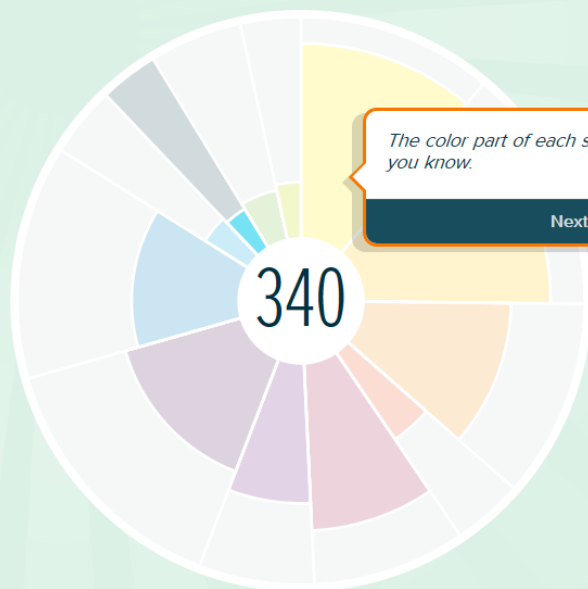


## Mathematics Division

# Math 68, 78, 88, 98

When you complete your knowledge check, you will see your “PIE”.

Nice job, Rochelle. Here are your results.



You've mastered 340 of 698 topics (49%) in this class.

Mastered: 340 Remaining: 358

- Real Numbers (79 Topics)
- Linear Equations and Inequalities (98 Topics)
- Lines and Functions (79 Topics)
- Systems of Linear Equations (28 Topics)
- Exponents and Polynomials (61 Topics)
- Factoring Polynomials (46 Topics)
- Rational Expressions

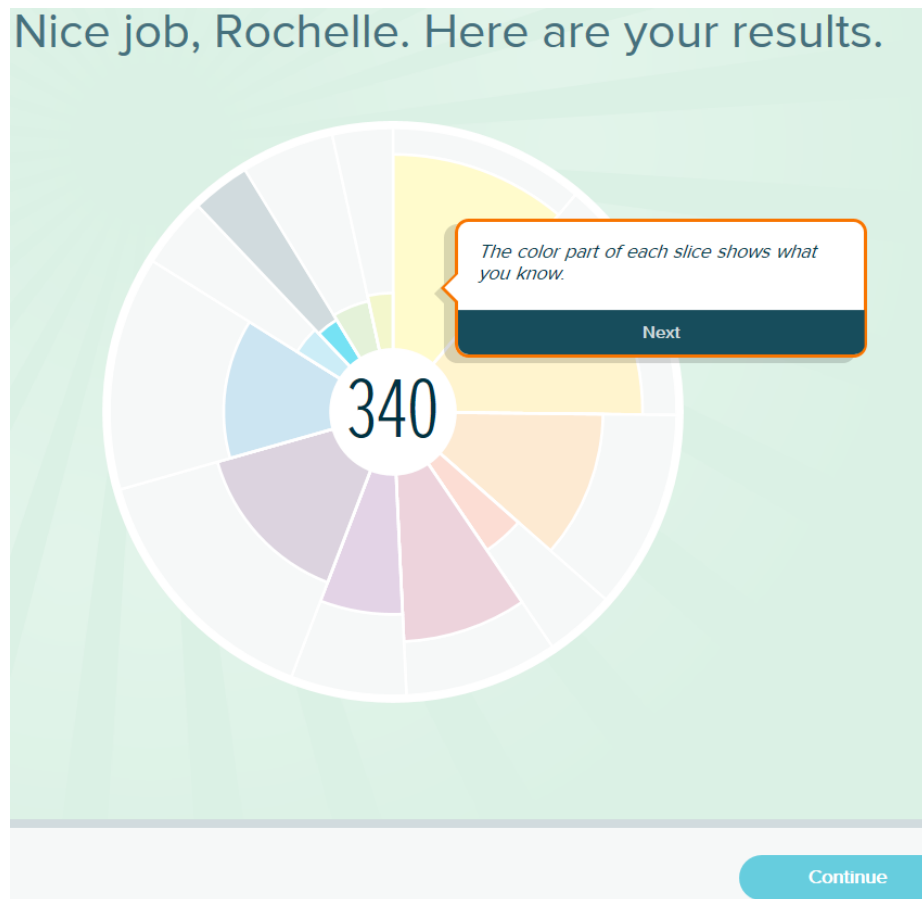
Continue



## Mathematics Division

# Math 68, 78, 88, 98

The Pie highlights topics you have mastered in color. The outer edges of the PIE in light grey are topics you need to work on. You can click on pieces of the PIE to see specific area topics.





Mathematics Division

# Math 68, 78, 88, 98

## PIE Topics

Nice job, Rochelle. Here are your results.

The topics for the course are listed to the right. Aleks will direct you to cover them in this order, but I will show you how to skip around in case you so desire.

You've mastered 340 of 698 topics (49%) in this class.

Mastered: 340 Remaining: 358

- Real Numbers (79 Topics)
- Linear Equations and Inequalities (98 Topics)
- Lines and Functions (79 Topics)
- Systems of Linear Equations (28 Topics)
- Exponents and Polynomials (61 Topics)
- Factoring Polynomials (46 Topics)
- Rational Expressions

Continue

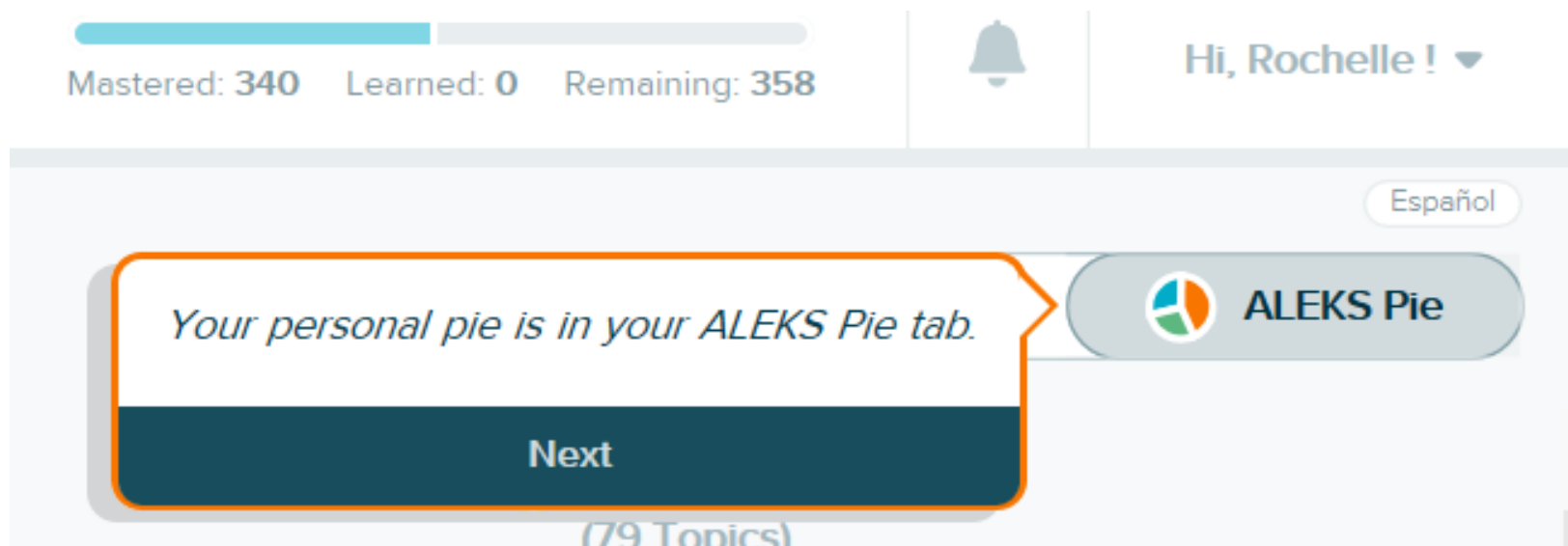


Mathematics Division

# Math 68, 78, 88, 98

## ALEKS PIE

You can access your ALEKS PIE with the tab shown below.





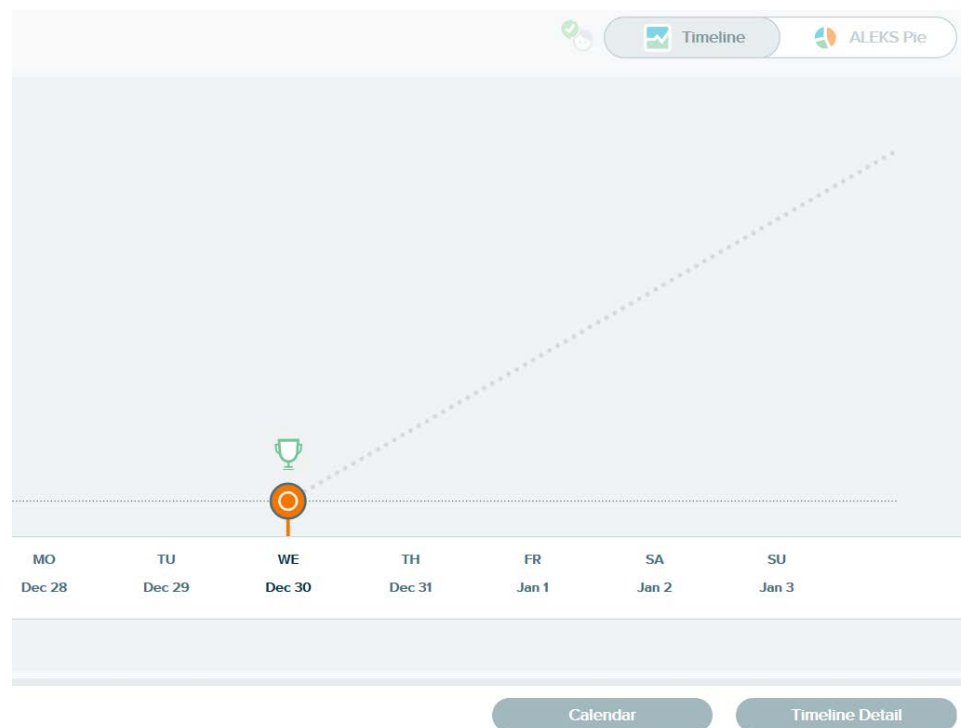
## Mathematics Division

# Math 68, 78, 88, 98

## Your Timeline (not useful for this class)

The Timeline talks about “your goal”. However, your goal in this class is NOT to complete ALL of the topics. Rather, your goal is to complete 40 hours (for 2 credits).

While you do this, you will complete as many topics as you can.







## Mathematics Division

# Math 68, 78, 88, 98

## Working in ALEKS

At the top right, you will see how many questions you need to get correct to “finish” a topic.

 EXPONENTIAL AND LOGARITHMIC FUNCTIONS  
Introduction to compound interest

Suppose Jenny places \$5500 in an account that pays 16% [interest compounded](#) each year.  
Assume that no withdrawals are made from the account.

Follow the instructions below. Do not do any rounding.

(a) Find the amount in the account at the end of 1 year.

\$

(b) Find the amount in the account at the end of 2 years.

\$





## Mathematics Division

# Math 68, 78, 88, 98

## Working in ALEKS

Aleks will start you with a topic it chooses. However, you can change topics if you want. Select the down arrow tab on the left.



Suppose Jenny places \$5500 in an account that pays 16% interest compounded each year. Assume that no withdrawals are made from the account.

Follow the instructions below. Do not do any rounding.

(a) Find the amount in the account at the end of 1 year. \$ <input type="text"/>
(b) Find the amount in the account at the end of 2 years. \$ <input type="text"/>





## Mathematics Division

# Math 68, 78, 88, 98

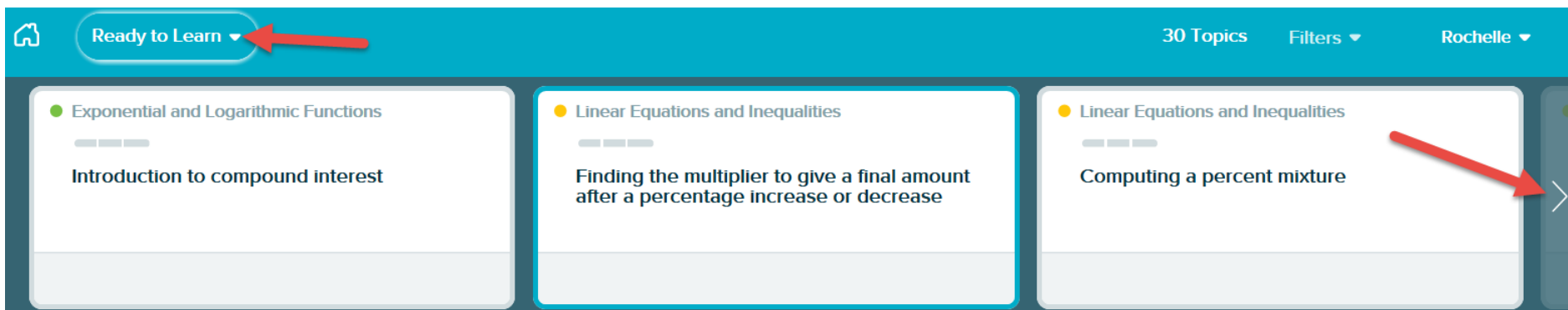
## Working in ALEKS

To select a different topic,

- Click on the “Ready to Learn” drop down menu to see a list of the topics.

OR

- Scroll to the right using the arrow at the right.
- Then, select the topic you wish to work on.



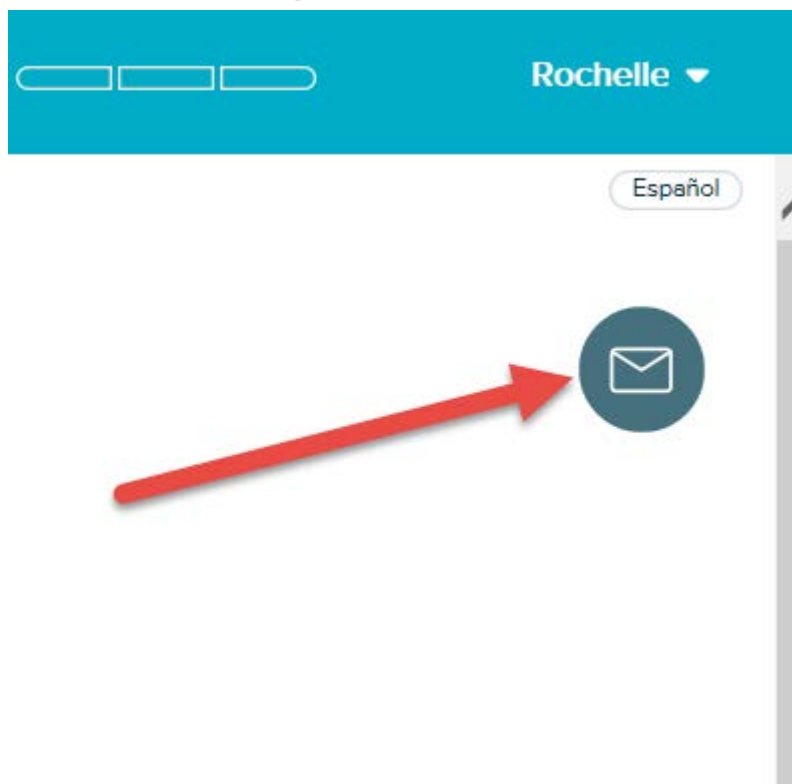


Mathematics Division

Math 68, 78, 88, 98

## Sending me a Message

At any time, you can send me a message using the envelope icon on the right side of the screen.





## Mathematics Division

# Math 68, 78, 88, 98

## Sending me a Message

- You can enter in math related questions, too.
- Don't forget to enter a subject and hit Send! 😊

SEND SAVE DRAFT CANCEL

INBOX  
SENT  
DRAFT  
TRASH  
MY FOLDERS

TO: Ms. Mitchell;

CC: (none)

BCC: (none)

SUBJECT:

Sans-Serif 14 B / U

Math Graphs  
Algebra Trig Matrix

SEND SAVE DRAFT CANCEL

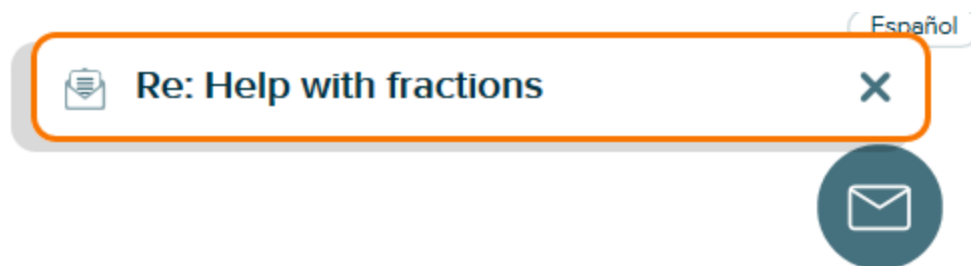


Mathematics Division

Math 68, 78, 88, 98

## Checking Messages

- Don't forget to check messages I send to you!
- I will send email reminders and announcements through ALEKS. 😊



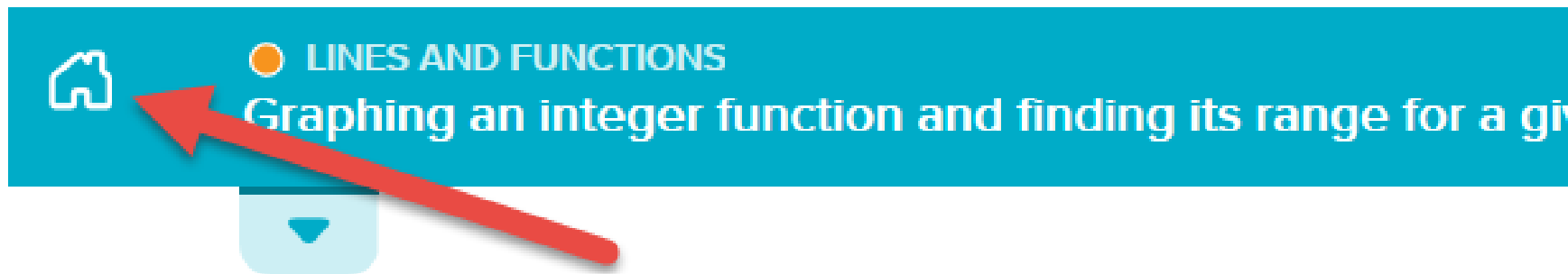


Mathematics Division

Math 68, 78, 88, 98

## Checking your Time

If you are working on your topics, select the Home icon.



The function  $f$  is defined as follows for the domain given.



Mathematics Division

Math 68, 78, 88, 98

## Checking your Time

From the home screen, select the icon with the 3 lines.



UP NEXT :

Graphing an integer  
function and finding its  
range for a given domain

CONTINUE MY PATH





Mathematics Division

# Math 68, 78, 88, 98

## Checking your Time

Then, select Reports.

The screenshot shows the ALEKS interface. On the left is a navigation menu with the following items: Home (with a close button), Assignments, Worksheet, Calendar, Gradebook, Reports (highlighted with a red bar and a red arrow pointing to it), Message Center, Class Forum, Dictionary, and ALEKS Settings. The top right of the interface shows the ALEKS logo and the text 'Winter 20'. The main content area on the right has a blue background and contains the following text: 'UP NEXT :', 'Graphing an integer function and finding its range for a given domain', a 'CONTINUE MY PATH' button, 'WORKING TOWARD', and 'Class Progress'.

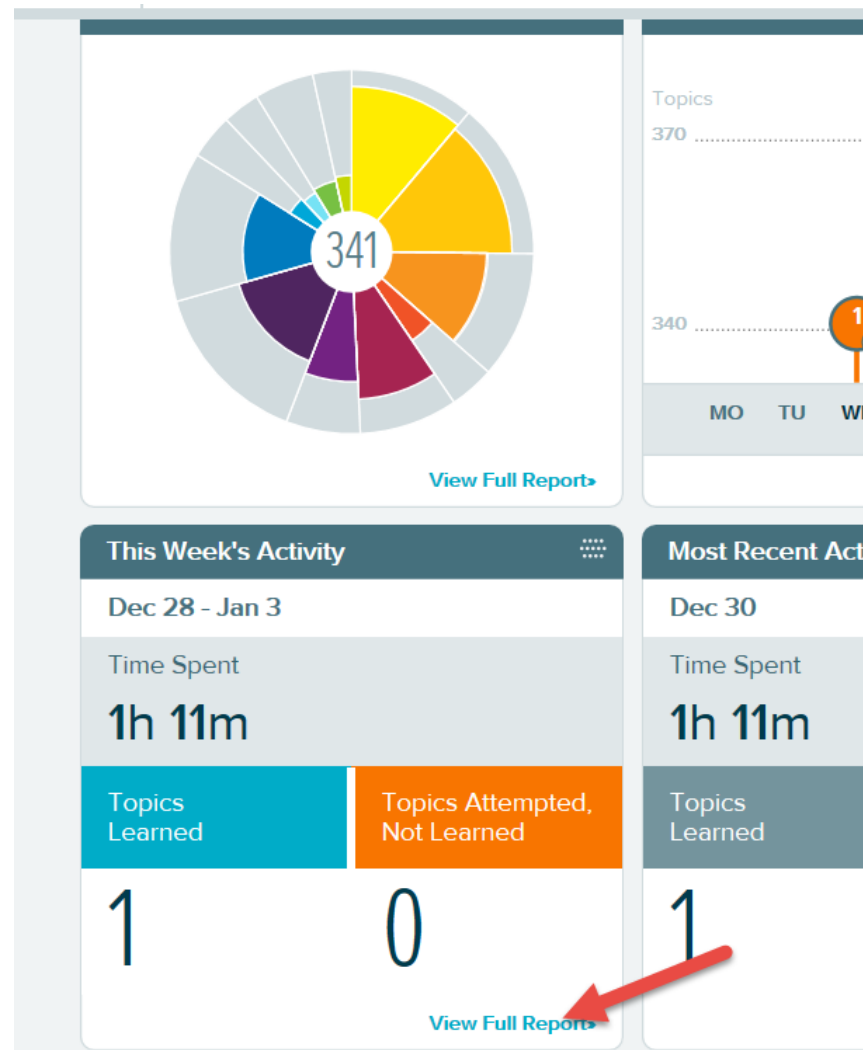


Mathematics Division

# Math 68, 78, 88, 98

## Checking your Time

Under the report entitled “This Week’s Activity”, select “View Full Report.”



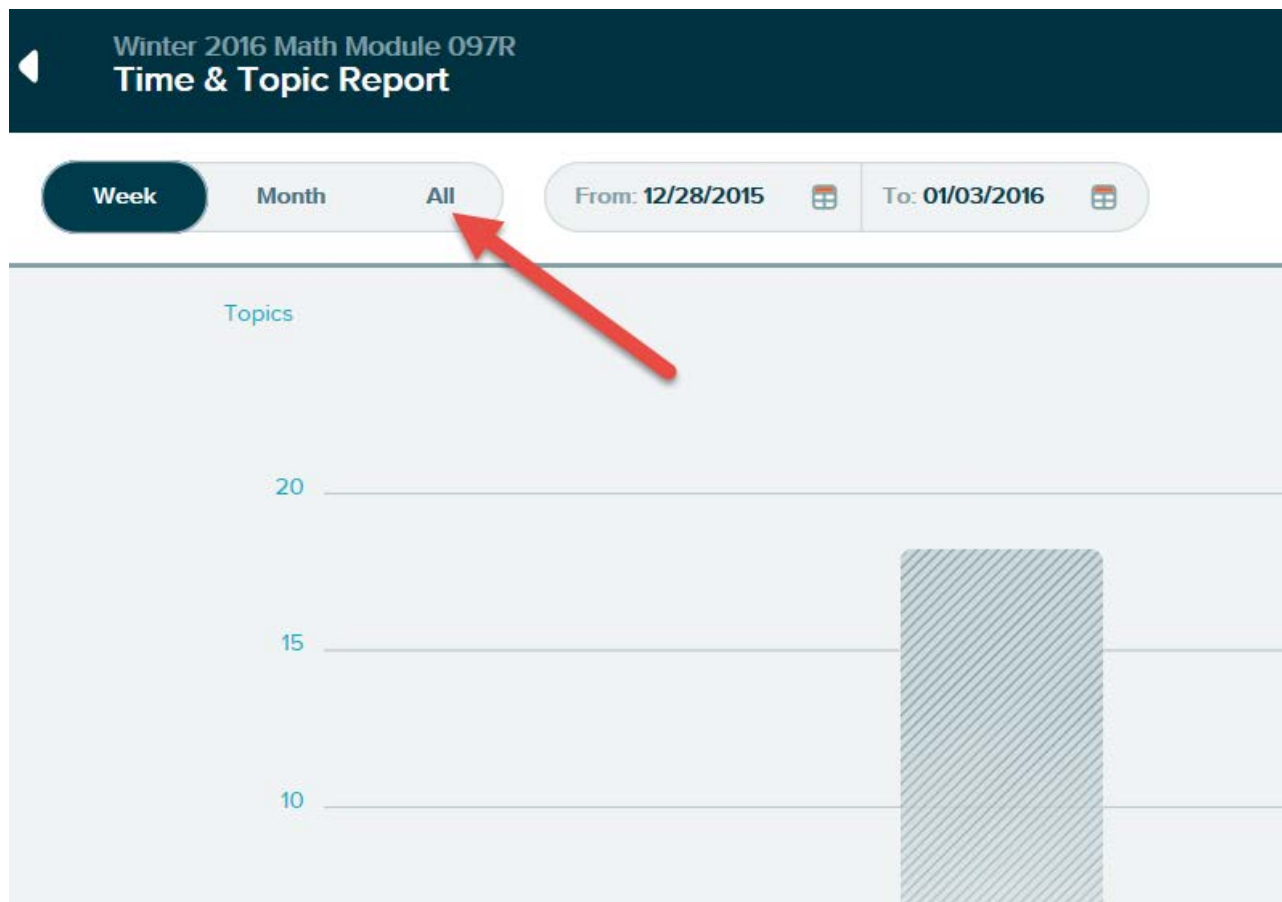


Mathematics Division

# Math 68, 78, 88, 98

## Checking your Time

Select “All”  
at top to see  
your total  
hours.

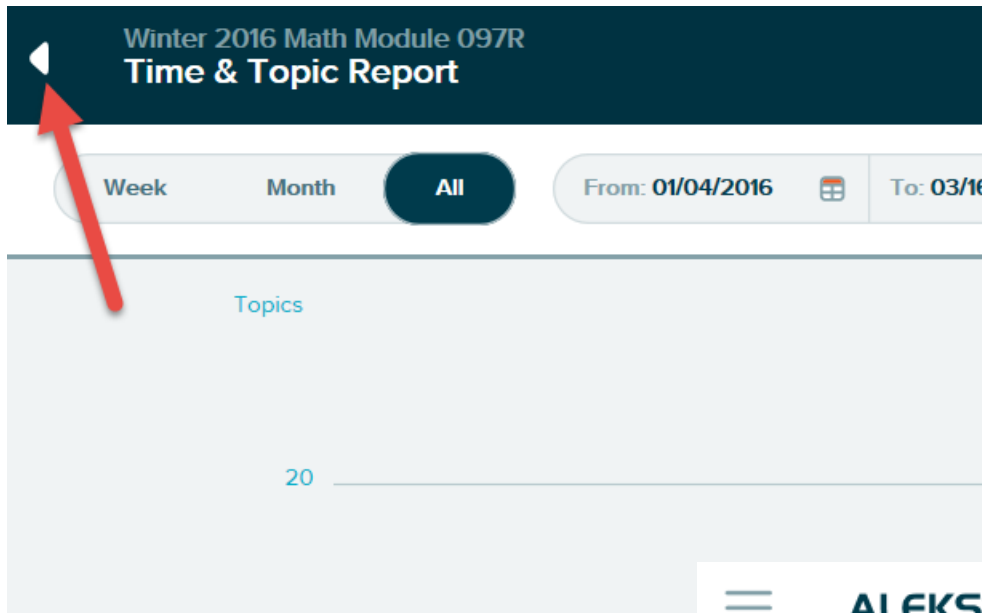


# Math 68, 78, 88, 98



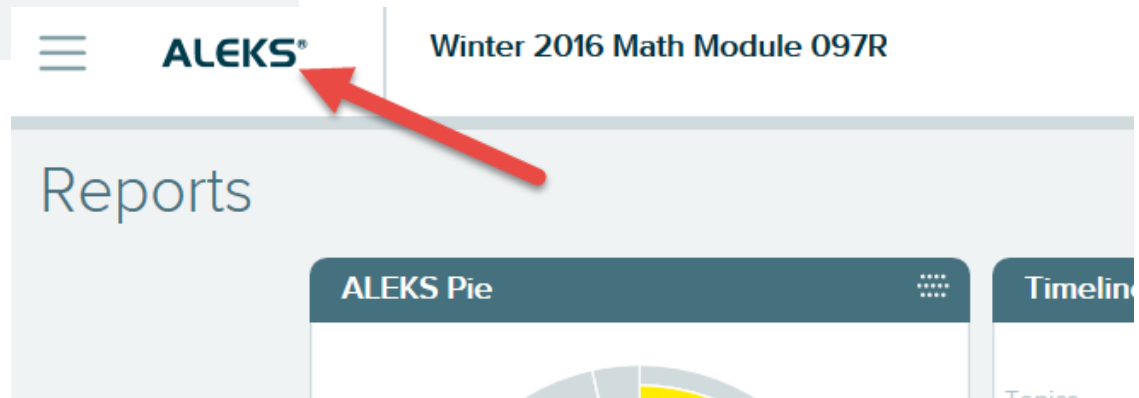
Mathematics Division

## Returning to Home Screen



Click on the arrow at the top left.

Then, click on ALEKS.





Mathematics Division

Math 68, 78, 88, 98

What to do if you have  
problems with ALEKS:

- Go to: [support.aleks.com](https://support.aleks.com)
- Phone them at 714-619-7090
- If they are not responsive, let us know,  
but they are usually really good.



# Math 68, 78, 88, 98

Mathematics Division

## Where do I start?

- Make sure you have the directions on how to purchase ALEKS (in the folder) and the course code (separate page)
- Make sure you have directions on how to sign up for your Green River email (in the folder)
- Get logged on to ALEKS as soon as you can.



Mathematics Division

Math 68, 78, 88, 98

## Where do I start? (Part 2)

- **Read over the ALEKS user guide.** It is available as a webpage ( [http://www.aleks.com/user\\_guides/learners-highedmath](http://www.aleks.com/user_guides/learners-highedmath) ) or a PDF that can be printed out ( <http://www.aleks.com/manual/pdf/learners-highedmath.pdf> ). **Mark the date for this on your time log.**
- Start doing a little bit of math very often...Try not to do 4 hours at a sitting.



# Math 68, 78, 88, 98

Mathematics Division

## What's left today?

- Fill out your contract. Initial all the statements. Fill in the appropriate midterm and final dates. Sign and date the contract. Write your name on the label on the cover of your folder
- If you have Financial Aid or DSS paperwork, give it to your instructor.
- If this is orientation and there is time, we will go on. If there is not time, you will come back to the webpage and watch the rest of the video or read through the rest of the power point slides.





Mathematics Division

# Math 68, 78, 88, 98

## FAQ

### (Frequently Asked Questions)

- Does this class meet the Prerequisite for the next course?
  - **NO!** However, you can take an Entrance Exam at the end of the class, and if you get 80% or above you will get permission to move on to the next class. This is only reasonable if you are reviewing material you have previously learned.
- Do we meet again as a group?
  - No. You do check in with us at mid quarter, but there is not another group meeting.



# Math 68, 78, 88, 98

Mathematics Division

## FAQ

### (Frequently Asked Questions)

- Do I have to do my work at the MLC?
  - No. You may do your work on ALEKS anywhere that you have internet access. However, the most successful students are those that schedule it into their day. That is often easier if you go to the MLC.
- What if I don't finish 40 hours?
  - If you do at least 20 hours, and do BOTH 1-page papers, we will give you 1 credit. Be aware that you may then fall below the 12 credits needed for financial aid, athletics, car insurance, etc.
- Is this a regularly graded class?
  - No. It is only Pass/No credit grading.



Mathematics Division

Math 68, 78, 88, 98

## FAQ

### (Frequently Asked Questions)

- How do I access my Green River email address?
  - Go to <http://grcc.greenriver.edu/student-email/>. Make sure you have the handout that describes the email system. It is in your folder. If you still want to use your current email address, have the GRCC one forwarded to your old one, or check them both.
- Will this email address go away?
  - No it is yours for life!
- Do I have to buy ALEKS?
  - Yes it is a course requirement for your 40 hours.



Mathematics Division

# Math 68, 78, 88, 98

## FAQ

### (Frequently Asked Questions)

- What about ALEKS worksheets? (READ THIS!)
  - These are a little problematic. The time doesn't show on ALEKS. Also the answers are not provided unless you ask your instructor for them each time. Do not use the worksheets unless you are doing them on your own time and not counting them for this class. Clicking on them immediately sends your instructor a solution sheet, so we know when you have done it.
- Why do they ask me to sign in at the MLC?
  - That is unrelated to the module classes. Their funding is dependent on usage, so you are helping us to keep the MLC financially afloat. Please sign in there.



Mathematics Division

# Math 68, 78, 88, 98

## FAQ

### (Frequently Asked Questions)

- If I am in Math 78, do I need to cover Math 70 material?
  - No. You work on those topics the you need help with, no matter what course those topics are from. That is the strength of ALEKS. If you decide the material is too easy or too hard, let me know.
- Can I count other reading/study/tutoring time towards my hours?
  - No. Nothing (except workshops) counts towards your 40 hours except what you do on ALEKS. ALEKS keeps track of the time and progress. **WORKSHEETS DO NOT COUNT!**

# Math 68, 78, 88, 98



Mathematics Division

## MLC Resources Available

The MLC (Math Learning Center) is in CH 313 (*Pay attention; your first paper needs this kind of info!!*)

- Videos
  - Some text specific
  - Calculator videos for Math 78, 98
  - You will learn better if you watch with pencil and paper in hand
- Tutors
  - Available \_\_\_\_ am-\_\_\_\_ pm Mondays through Thursdays
  - And \_\_\_\_am - \_\_\_\_ pm on Fridays
  - Always work with pencil and paper and don't let the tutors just work the problems for you. Make sure you understand!



# Math 68, 78, 88, 98

Mathematics Division

## MLC Resources Available

- Extra Textbooks
  - Pick Annotated Instructors Editions (AIE), if available.
  - If not an AIE, work odd problems with answers.
- Computer Software
  - Make sure you use pencil and paper to work the problems
- Workshops
  - Calculator and other workshops are sometimes offered. These count instead of ALEKS. They are the only things that reduce your 40 hour ALEKS requirement.