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NEW ALEKS STUDENT MODULE  
**REFERENCE GUIDE**

Last Updated: December 21, 2016

# NEW ALEKS STUDENT MODULE REFERENCE GUIDE

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## INTRODUCTION

The new ALEKS Student Module is now available in K-12, Higher Education Math, and Higher Education Science for supported ALEKS course products. The new Student Module provides students with an adaptive learning environment focused on guidance, transparency, engagement, and motivation. Students will always know exactly what they should be working on in ALEKS.

The new Student Module Reference Guide provides an overview of the new Student Module and its features, including how to find each feature. This document is written for instructors and can be used to help students get started in ALEKS.

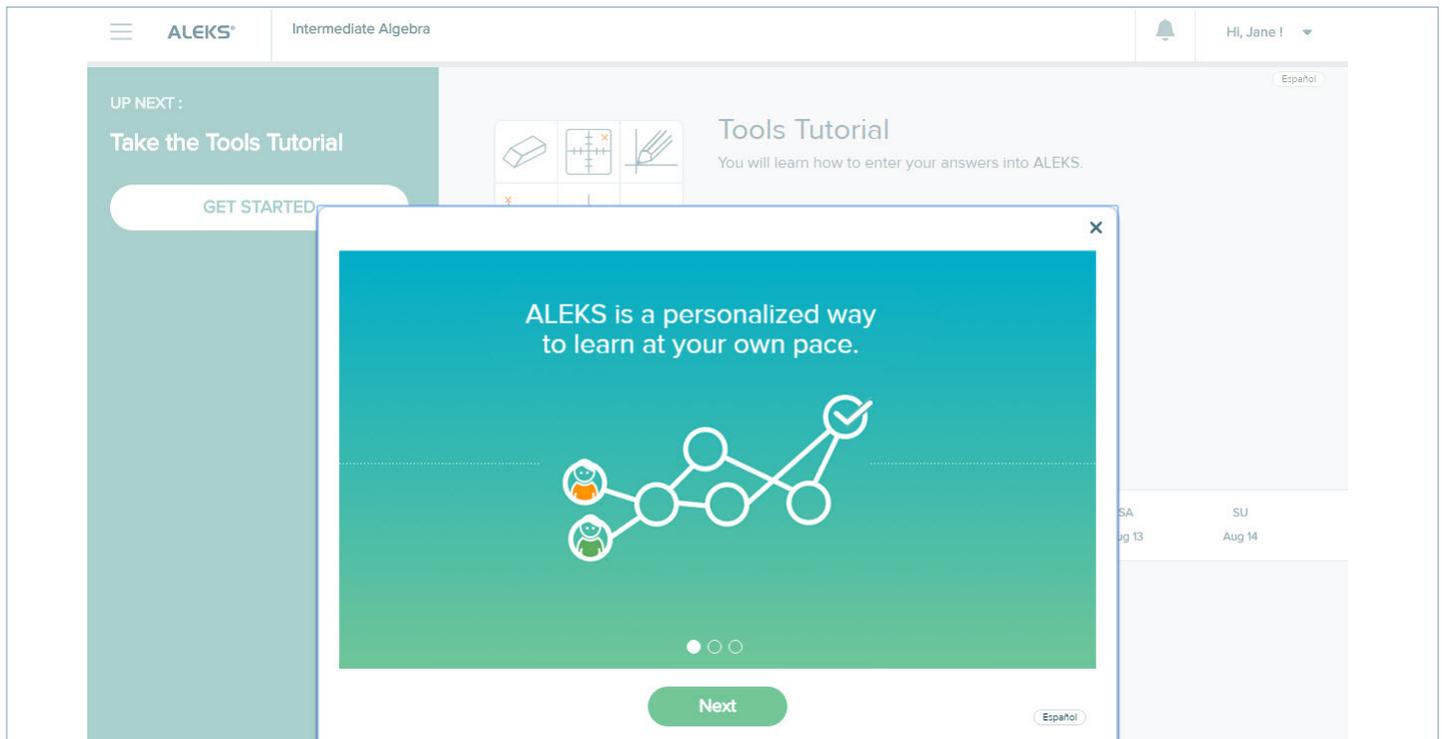
The new Student Module is optimized for desktops and tablets. Please refer to the ALEKS website for the current system requirements: [http://www.aleks.com/support/system\\_requirements](http://www.aleks.com/support/system_requirements). ALEKS is accessible to visually-impaired students using an assistive listening system (screen reader technology) for select higher education courses. Students will need the following system requirements: Microsoft Windows 7+, JAWS 17, and Firefox 25+. For additional questions, please contact ALEKS Customer Support.

# FIRST TIME USE EXPERIENCE

After logging into ALEKS for the first time, students take a guided tour that introduces ALEKS and gives an overview of key features. Students then take the ALEKS Tools Tutorial, complete an Initial Knowledge Check and see the results, and finally, explore some features on the homepage. Below are examples of the First Time Use experience.

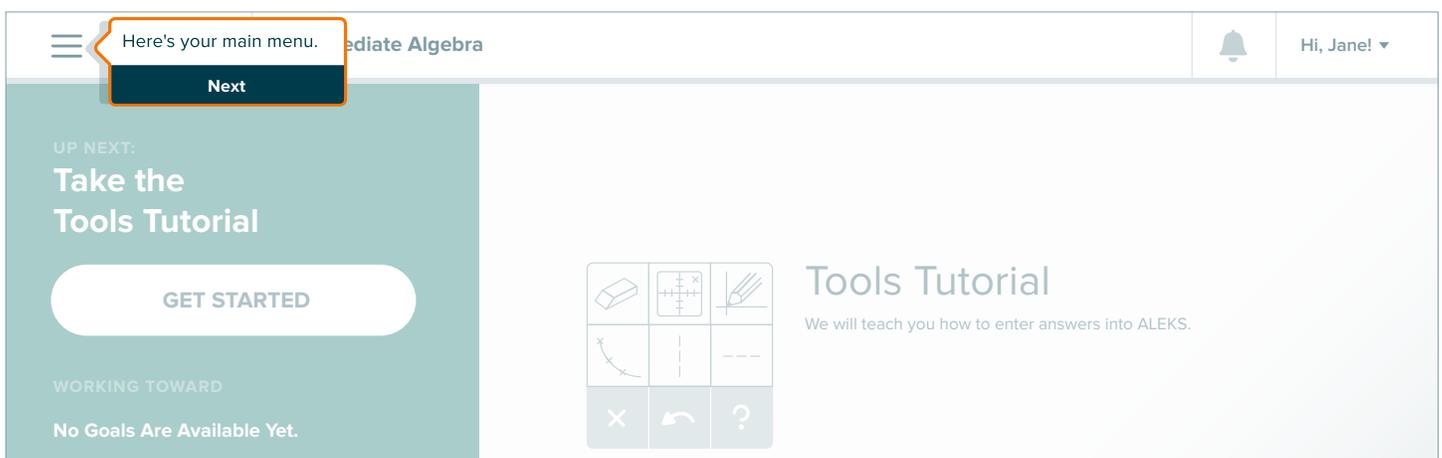
## INTRODUCTION TO ALEKS

The introduction gives a brief overview about ALEKS and how the system works. The Espanol toggle appears in the bottom-right corner for students who prefer to view ALEKS in Spanish. Selecting the toggle changes the language from English to Spanish. The toggle appears on the Homepage and most pages of the Student Module. Students can toggle back to English or Spanish at any time.



## QUICK TIPS

ALEKS offers quick tips when students encounter features for the first time. Quick tips point out important features on the page and how they can be used.



## TOOLS TUTORIAL

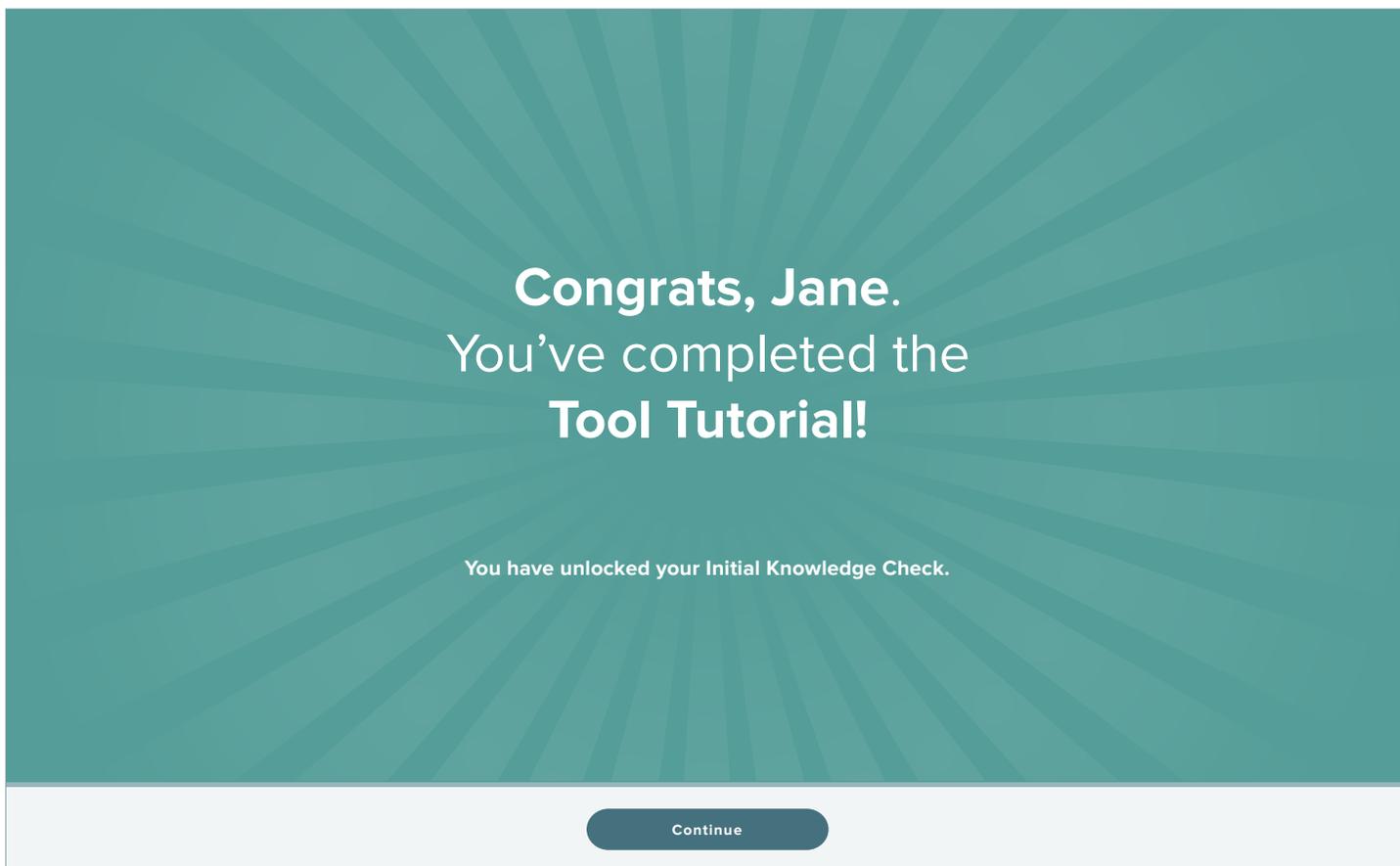
The Tools Tutorial shows students how to enter their answers into ALEKS. The tutorial adapts to each ALEKS course product and shows tools that will be found in the course product the student is using.

The screenshot shows the ALEKS dashboard for an Intermediate Algebra course. The top navigation bar includes the ALEKS logo, the course name "Intermediate Algebra", a notification bell, and the user name "Hi, Jane!". The main content area is divided into two columns. The left column has a teal background and contains the following sections: "UP NEXT: Take the Tools Tutorial" with a "GET STARTED" button; "WORKING TOWARD No Goals Are Available Yet."; and "WORK ON SOMETHING ELSE No Other Assignments". The right column has a light gray background and features a large orange callout box with the text "Introduction to ALEKS Tools". Below this, there is a small graphic of a calculator with a question mark and the text "Your first task is to complete the Tools Tutorial." At the bottom of the right column, there is a paragraph: "This is where you can see your timeline and progress as you learn topics but first let's complete the Quick Tutorial and the Strength Assessment."

Students can see their Tools Tutorial progress by viewing the status bar in the upper-right corner.

The screenshot shows the ALEKS Tools Tutorial interface. At the top, there is a teal header bar with a home icon, the text "Tools Tutorials", and a progress indicator. Below the header, the main content area has a white background. It starts with the text "You will now learn how to enter your answers into ALEKS." followed by "Click in the box below." Below this text is a white input field. To the right of the input field are two buttons: a dark gray button with a white "x" and a dark gray button with a white undo icon. Below the input field, there is an orange callout box with the text "Use the Keyword to type 14."

After completing the Tools Tutorial, students receive a congratulatory message. Selecting **Continue** brings them back to their homepage and they will be prompted to start their Initial Knowledge Check.



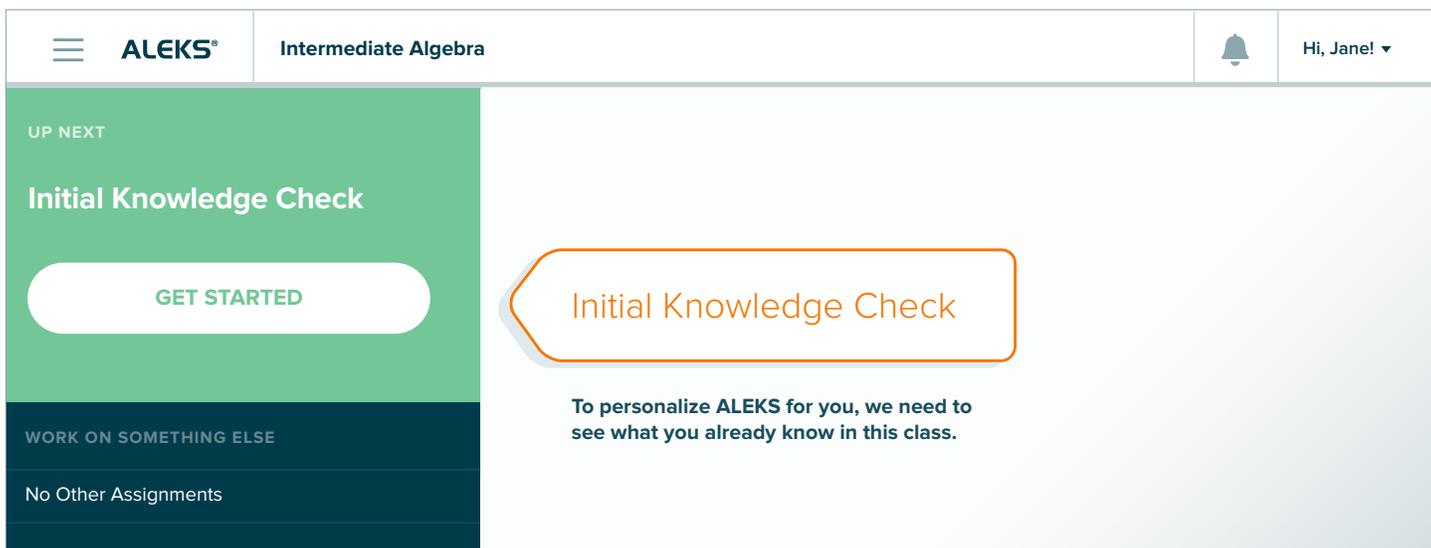
**Congrats, Jane.**  
You've completed the  
**Tool Tutorial!**

You have unlocked your Initial Knowledge Check.

Continue

## INITIAL KNOWLEDGE CHECK

Students are directed to take an Initial Knowledge Check so that ALEKS can determine what the student knows, doesn't know, and what the student is ready to learn for the given subject. The Initial Knowledge Check is less than 30 questions and, once completed, determines the student's unique knowledge state and individualized learning path.



☰ **ALEKS®** Intermediate Algebra 🔔 Hi, Jane! ▾

UP NEXT

**Initial Knowledge Check**

GET STARTED

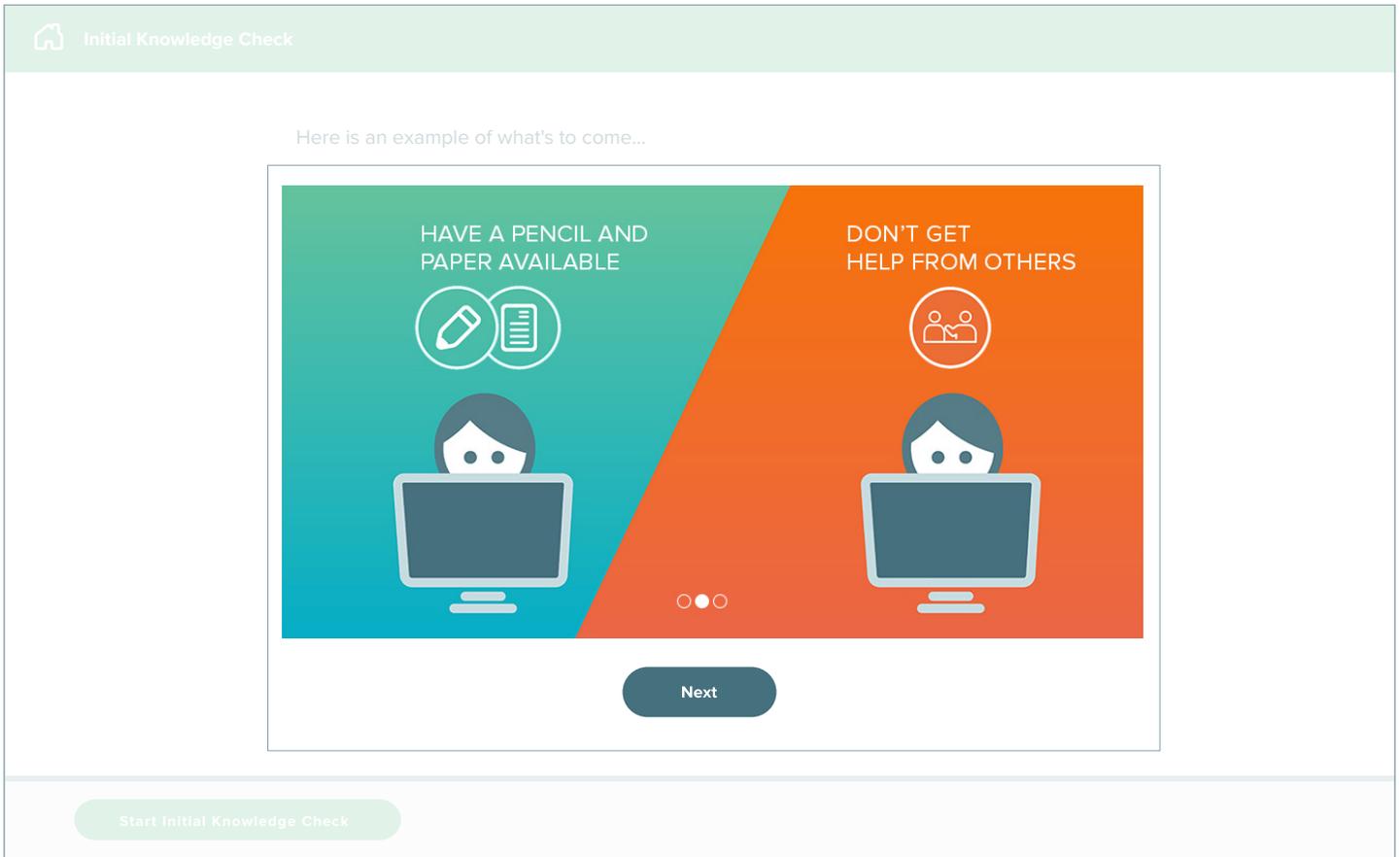
Initial Knowledge Check

To personalize ALEKS for you, we need to see what you already know in this class.

WORK ON SOMETHING ELSE

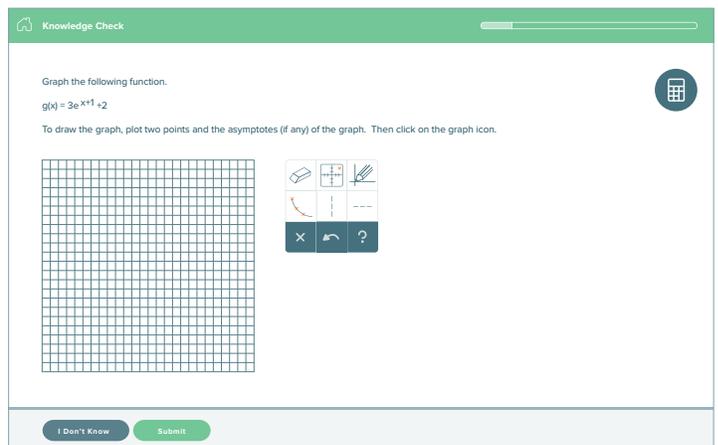
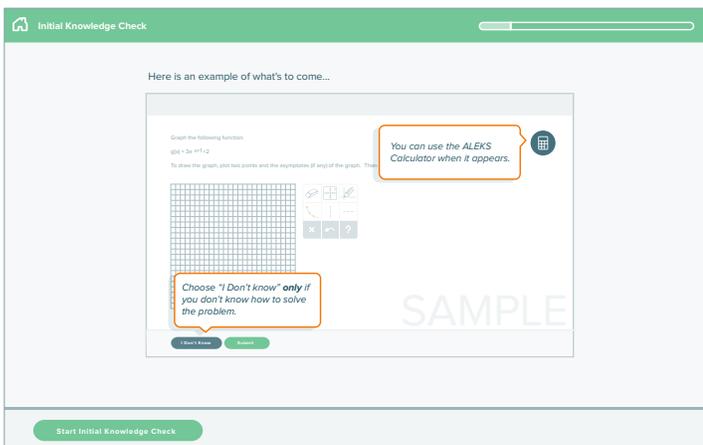
No Other Assignments

To prepare students for their Initial Knowledge Check, they are presented with several animated introduction pages, that give them tips on how to take the Initial Knowledge Check.



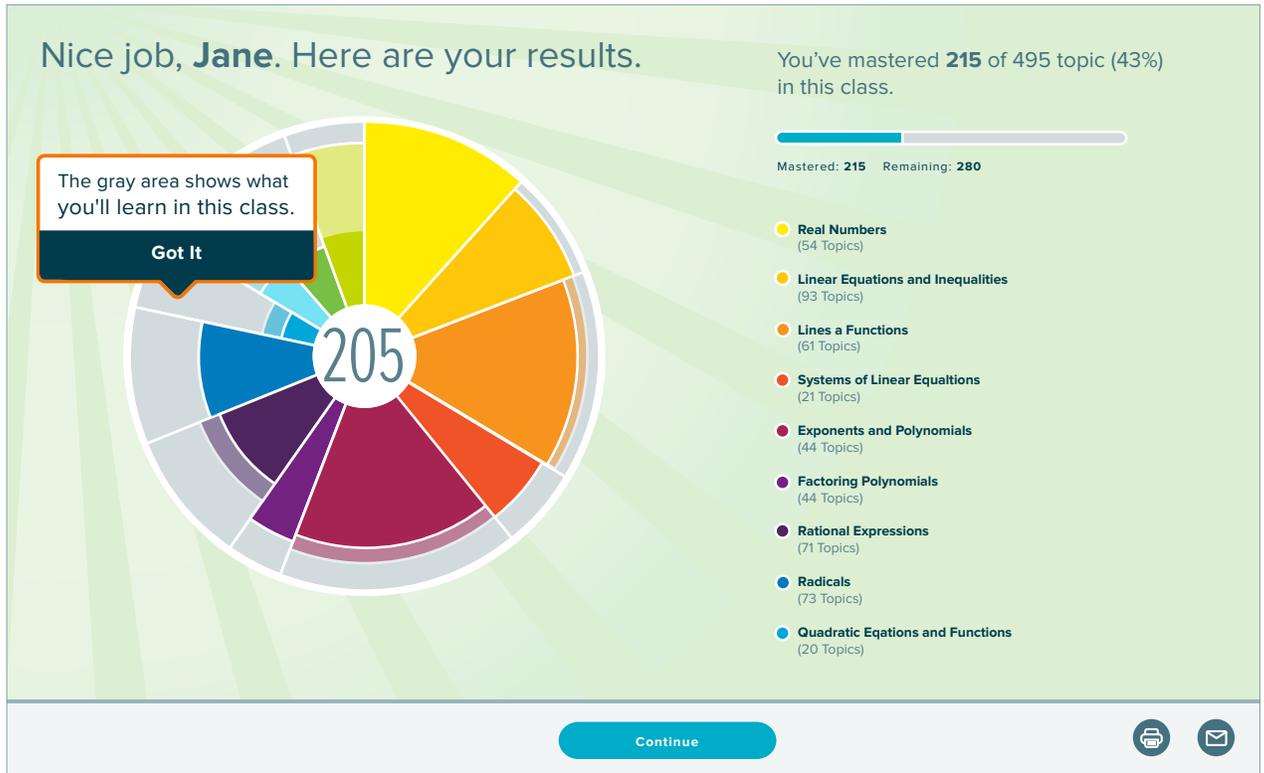
Next, students see a sample problem in the Initial Knowledge Check with quick tips to describe how to use the I DON'T KNOW and the calculator button (when available) on the page. Selecting **Start Knowledge Check** begins the Initial Knowledge Check.

During the Initial Knowledge Check, students can see their progress in the status bar in the upper-right corner of the screen.

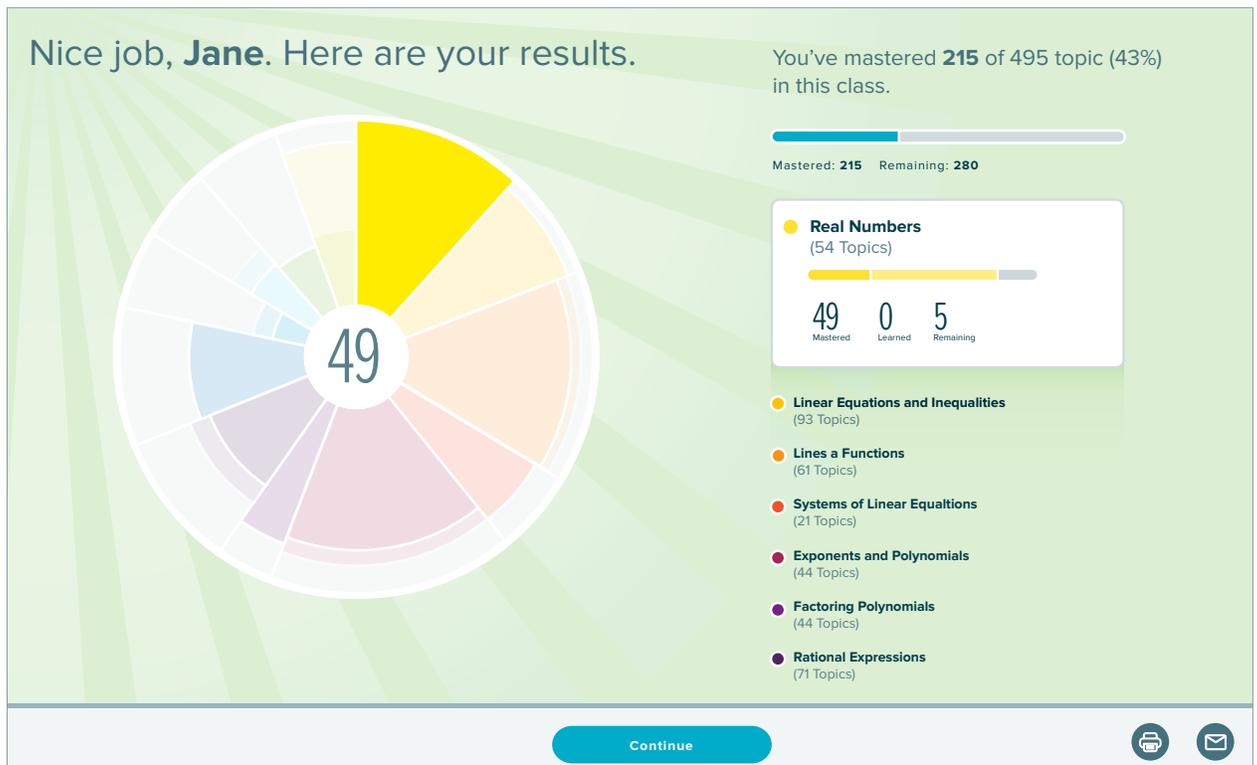


## POST KNOWLEDGE CHECK RESULTS

Upon completion of their Initial Knowledge Check, students see their pie along with quick tips to describe how the ALEKS Pie works.



From the ALEKS Pie, students see their results, including the number of topics mastered per slice and overall mastery percent in the class based on their Initial Knowledge Check.



The ALEKS Pie from the Initial Knowledge Check moves to the homepage. Quick tips describe how to access features on the homepage. For example, selecting a slice in the ALEKS Pie will open more information about the slice, including the number of topics mastered, learned, and remaining.

The screenshot shows the ALEKS homepage for Intermediate Algebra. At the top, it displays 'Mastered: 215', 'Learned: 0', and 'Remaining: 280'. A notification bell shows 3 alerts. The user is identified as 'Hi, Jane!'. On the left sidebar, there are sections for 'UP NEXT' (Simplifying a ratio of multivariate monomials...), 'WORKING TOWARD' (Topic - 6, 9 of 10 Topics), and 'WORK ON SOMETHING ELSE' (Homework 4). The main area features the ALEKS Pie, a circular chart with 49 in the center. A callout box says 'You're unlocked your learning path. Go to your timeline to see it.' To the right of the pie is a list of topics with progress bars:

- Radicals (54 Topics)**: 48 Mastered, 1 Learned, 5 Remaining
- Linear Equations and Inequalities (93 Topics)**
- Lines a Functions (61 Topics)**
- Systems of Linear Equations (21 Topics)**
- Exponents and Polynomials (44 Topics)**
- Factoring Polynomials (44 Topics)**
- Rational Expressions (71 Topics)**
- Radicals (73 Topics)**

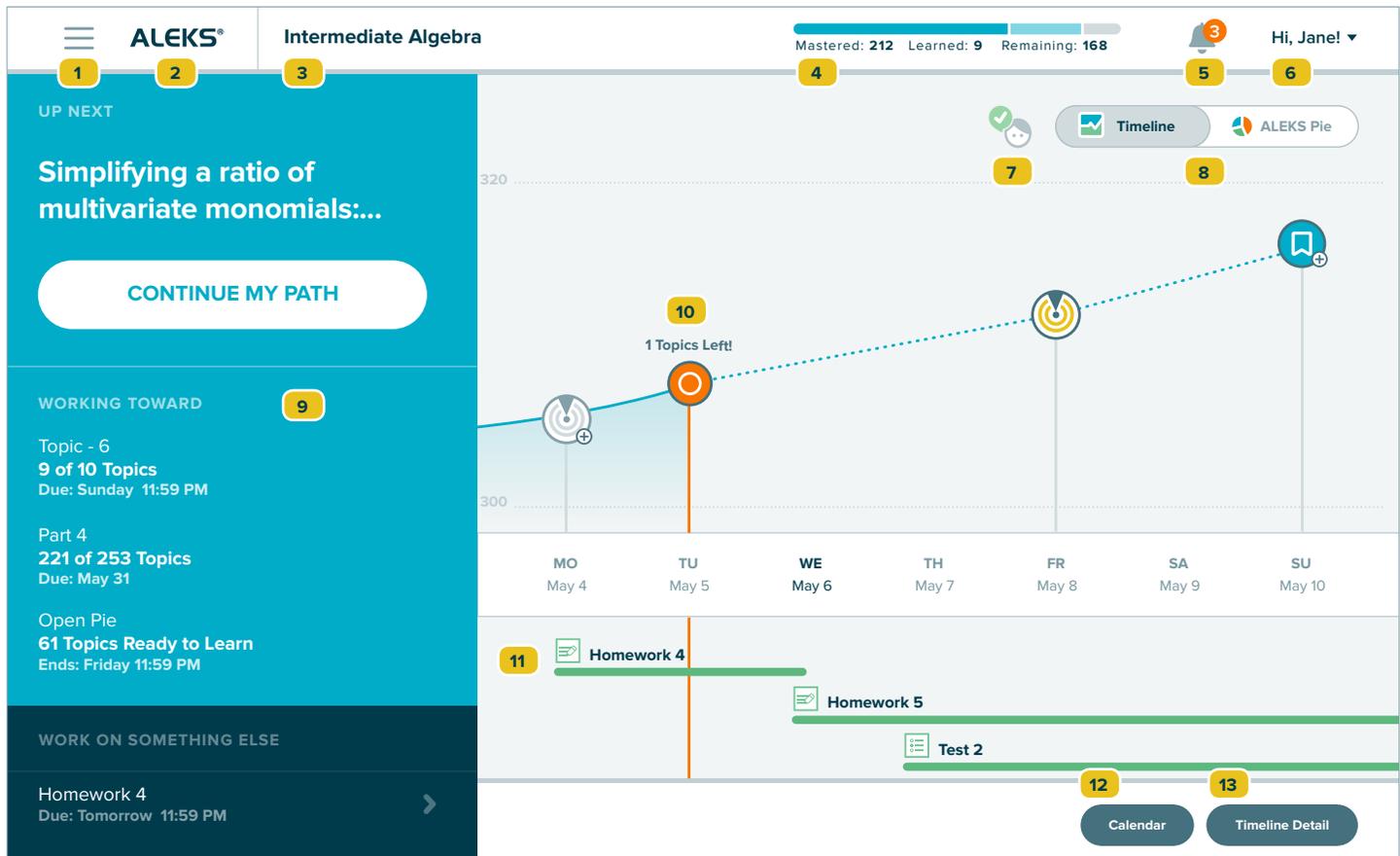
A toggle sets the default view to the timeline or ALEKS Pie. The timeline offers transparency about student progress in Learning Mode and is a roadmap for students to understand how to achieve learning goals and reach milestones.

This screenshot shows the ALEKS homepage with the 'Timeline' view selected. The top navigation and sidebar are identical to the previous screenshot. The main area displays a timeline from Monday, May 4 to Sunday, May 10. A callout box says 'You're all set! Let's get started on your personalized learning path.' The timeline shows progress markers for each day. At the bottom right, there are buttons for 'Calendar' and 'Timeline Detail'.

# HOMEPAGE

Upon completion of the First Time Use experience, students land on their personal homepage, which provides information to make decisions about what they should work on and give transparency about their progress in Learning Mode.

Below are some key areas of the homepage with the timeline as the default view, and an overview description of each feature. For more details, please select on the links to go to the applicable section in this document.



**1 | Menu:** Provides access to important features in ALEKS.

**2 | ALEKS Logo:** Returns students to their homepage from any page in the new Student Module.

**3 | Class Name Display:** Displays the name of the class the student is enrolled in.

**4 | Progress Bar:** Displays the number of topics mastered, learned, and remaining in real-time.

**5 | Notifications:** Students are alerted with real-time notifications such as, new assignments, messages, and Knowledge Checks, etc.

**6 | Account Settings:** Displays the student's account settings.

**7 | Next Knowledge Check Indicator:** Displays when the next Knowledge Check will occur.

**8 | Timeline/ALEKS Pie:** Students can toggle their view between the timeline to see their progress in Learning Mode (default view), or the ALEKS Pie to see their progress within each slice.

**9 | Primary Guidance:** Contains the primary call to action, which is working on the learning path. It also contains secondary tasks which allow students to choose what they want to work on, see what's coming up next, and view goals and deadlines.

**10 | Timeline Marker:** Shows where the student is on the timeline.

**11 | Assignments:** Shows assignments created by the instructor, and graphically displays when the assignment starts and ends.

**12 | Calendar:** Students can view their assignments by calendar view.

**13 | Timeline Detail:** Students can view their timeline detail and filter their view by week, month, or day.

## HEADER BAR

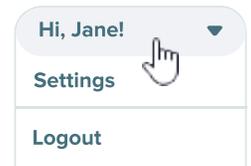
The header bar area allows access to the Navigation Menu, displays the class name that the student is enrolled in, provides real-time [class progress information](#), displays Message Center alerts and [notifications](#), and provides access to the student's account [settings](#).

**How to Find It:** Located at the top of first-level pages in the Student Module



## ACCOUNT INFORMATION

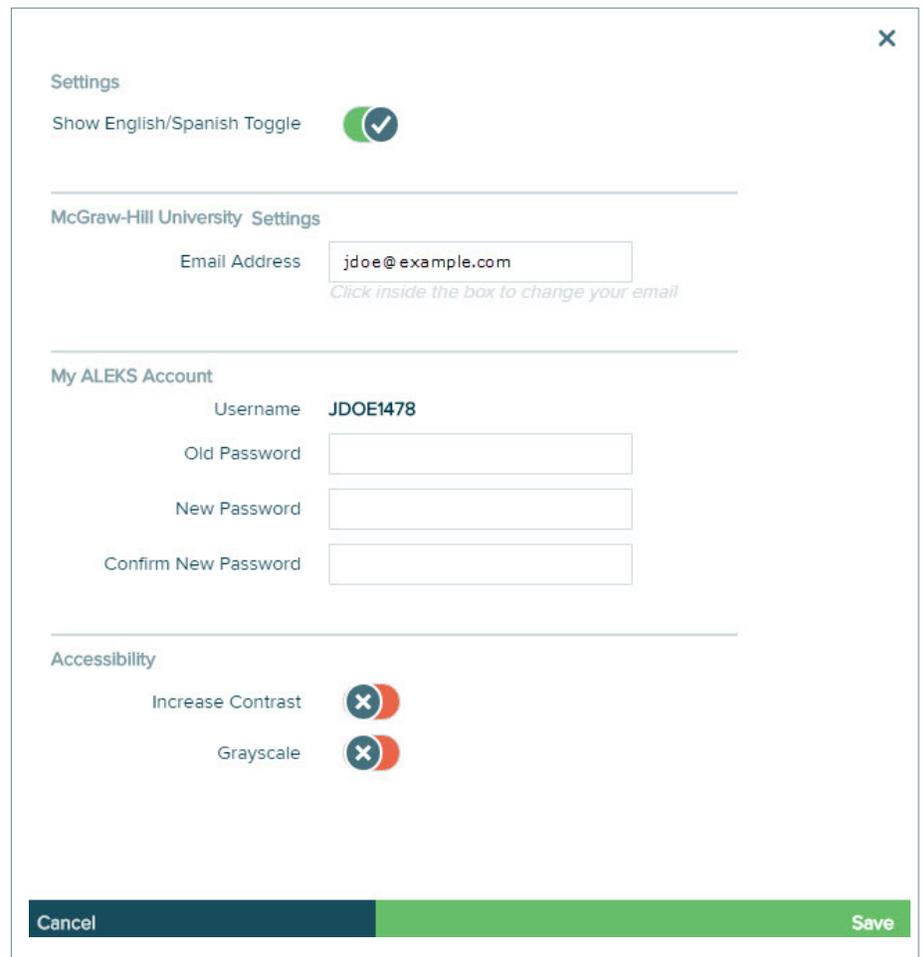
Students can access their account settings and log out of ALEKS by selecting the down arrow in the upper-right corner by their name.



## SETTINGS

This page contains class settings, email address, the setting to show the English/Spanish toggle on the First Time Use pages, homepage, and most pages of the New Student Module, and High Contrast and Grayscale color settings. Higher Education students can also change their password.

**How to Find It:** Open the list beside the account name in the upper-right corner by selecting on the grey arrow | Select **Settings**



Settings

Show English/Spanish Toggle

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McGraw-Hill University Settings

Email Address   
*Click inside the box to change your email*

---

My ALEKS Account

Username **JDOE1478**

Old Password

New Password

Confirm New Password

---

Accessibility

Increase Contrast

Grayscale

Cancel Save

## LOG OUT

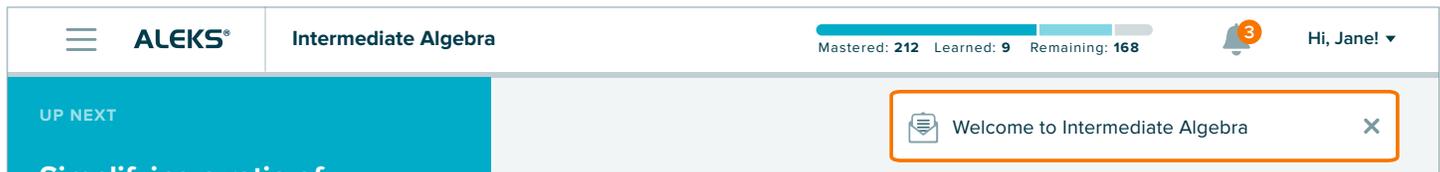
**How to Find It:** Open the list beside the account name in the upper-right corner by selecting on the grey arrow | Select **Logout**

## NOTIFICATIONS

The header bar displays a counter for real-time notifications and messages from the instructor. Students are alerted when there is a new notification. A number appears above the bell to show the number of unread notifications. When the bell icon is selected, a box displays a list of chronological notifications with the newest at the top. After viewing the new notification, the number disappears.

**How to Find It:** Located in the header bar at the top of first-level pages in the Student Module.

Below is an example of an alert with an unread notification.



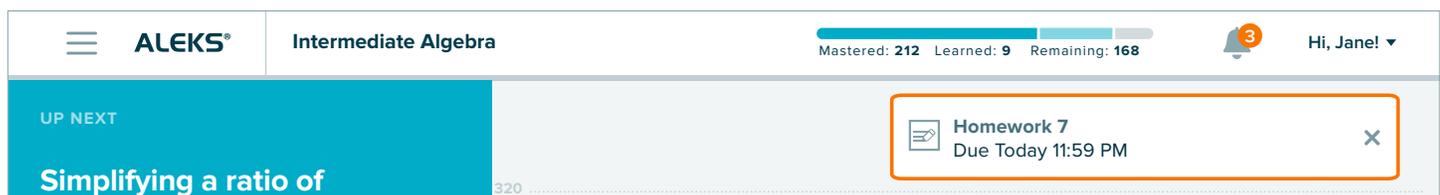
The screenshot shows the ALEKS header bar for 'Intermediate Algebra'. On the right, a notification bell icon has a red circle with the number '3' above it. Below the header, a notification box is highlighted with an orange border, containing a document icon, the text 'Welcome to Intermediate Algebra', and a close 'X' button. The header also shows 'Mastered: 212', 'Learned: 9', and 'Remaining: 168'.

Notifications appear on the homepage or in Learning Mode. The notification appears in the upper-right corner of the page the student is currently on. Notifications must be closed with the X button. They do not close on their own and will stay open until closed by the student or until the student navigates to a different screen.



The screenshot shows the ALEKS header bar for 'Data Analysis and Probability' with the sub-header 'Interpreting a bar graph'. On the right, a notification bell icon has a red circle with the number '3' above it. Below the header, a notification box is highlighted with an orange border, containing a document icon, the text 'Test on Friday', and a close 'X' button. The header also shows 'You need 2 correct in a row' with a progress bar.

Most notifications are actionable and students can navigate to the corresponding content by selecting on the notification as an alternative to using the Primary Guidance Menu. For example, students can select on an assignment notification to begin the assignment.



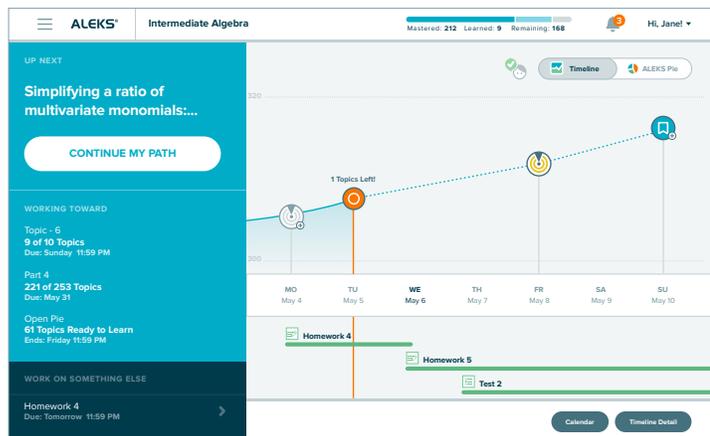
The screenshot shows the ALEKS header bar for 'Intermediate Algebra'. On the right, a notification bell icon has a red circle with the number '3' above it. Below the header, a notification box is highlighted with an orange border, containing a document icon, the text 'Homework 7 Due Today 11:59 PM', and a close 'X' button. The header also shows 'Mastered: 212', 'Learned: 9', and 'Remaining: 168'.

# TIMELINE AND ALEKS PIE

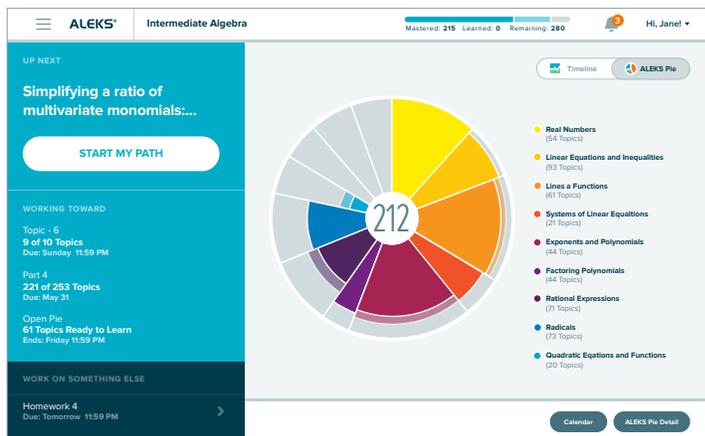
There are two different views for the homepage: [Timeline](#) or [ALEKS Pie](#). Students can toggle between views and choose their default view by selecting a tab. This view will be displayed on their homepage each time they log into ALEKS. The display can be changed at any time.

**How to Find It:** Located on the upper-right side of the homepage

## Timeline



## ALEKS Pie



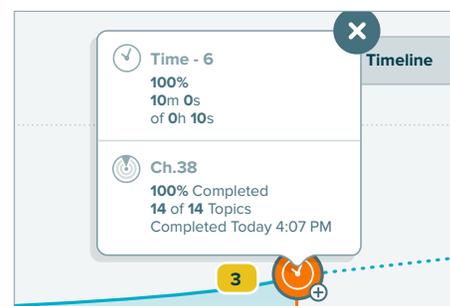
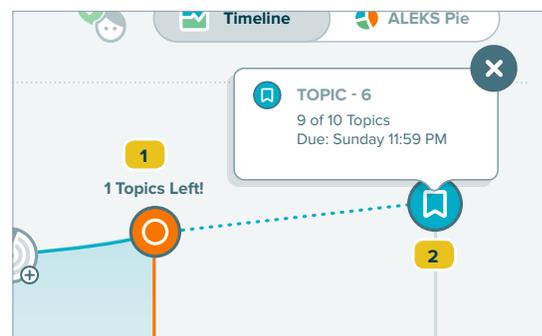
## TIMELINE

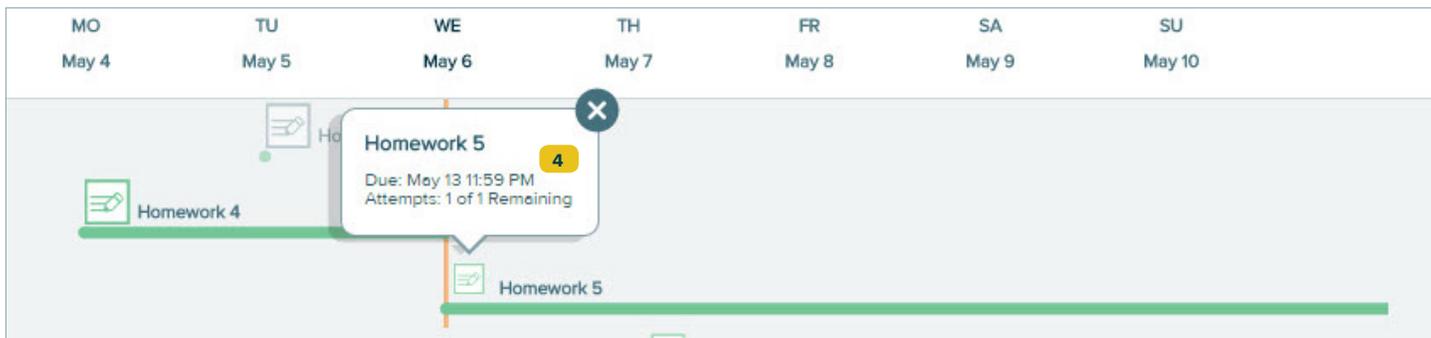
The timeline is a visual tool that graphs students' progress and growth over time. It helps students understand how to achieve learning goals and reach milestones. Students can use the timeline to view what they worked on in the past, what's ahead, and when topics are due next so that they can plan their class work accordingly. As students learn or lose topics, the timeline is updated with real-time information.

**How to Find It:** Go to the homepage | Select the **Timeline** button

Below are some key areas of the timeline with a description of how to interpret the timeline:

- 1 | The orange marker (🟡) depicts the student's progress today, and displays how many topics the student has left to reach the next goal on the timeline.
- 2 | The timeline is intended to show information at a macro level. Students can select on points on the graph to access information. For example, the blue goal topic marker is a projection to show what the student is working towards next, which is a total of 10 topics due on Sunday of the current week (9 of 10 topics have already been completed).
- 3 | Selecting the orange marker shows what was completed on that day.
- 4 | The area below the timeline shows assignments created by the instructor. It graphically displays when assignments start and end. Students can select the assignment name to view details about the assignment. When there are multiple assignments available to take, assignments are stacked and prioritized by due dates.





The table below shows icons that may appear on the timeline.

Timeline Icons	Past	Present/ Future	Timeline Icons	Past	Present/ Future
Objective Icons			Assignment (Homework)		
Goal (Topic)			Assignment (Quiz)		
Goal (Time)			Assignment (Test)		
Goal (Mastery)			Assignment (External)		
Knowledge Check			Assignment Worksheet		
QuickTables			Next Knowledge Check Indicator		

## ALEKS PIE

The ALEKS Pie provides an opportunity for students to see their overall progress toward completion of the class. Slices represent topic categories. Mastered, learned, and remaining topics are shown as different colors within each slice. Each pie slice is color-coded to match up with class progress information shown in the list next to the ALEKS Pie. The darker color in the slice represents topics mastered; the lighter color represents topics learned, and the outer space without color represents the topics remaining to be learned and mastered.

### *Class Progress Information*

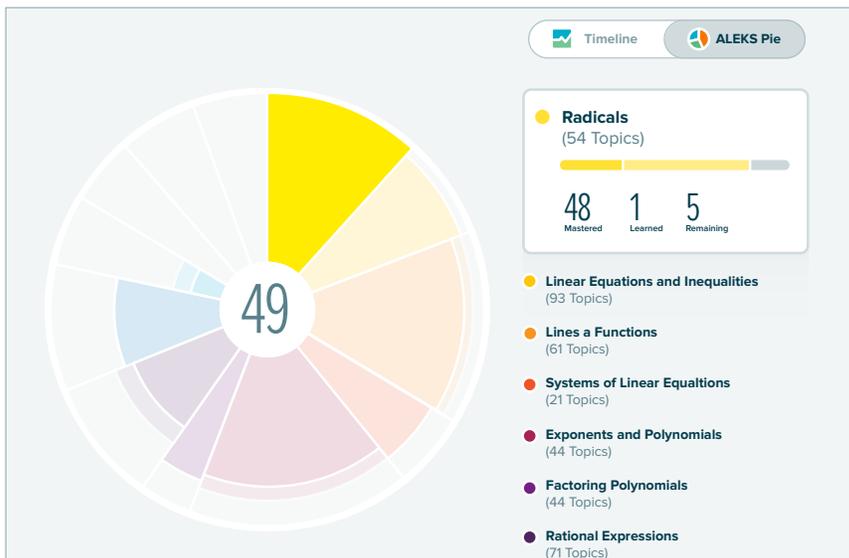
Students can view their real-time class progress information by selecting a pie slice. The area to the right is a legend that updates with the slice name and the number of topics mastered, learned, and remaining in each category for the correlated slice. The delineation is helpful for understanding that topics learned in Learning Mode are not considered mastered until retention is demonstrated in a Knowledge Check.

- ▶ **Mastered**—The number of topics the student has demonstrated mastery of in a Knowledge Check.
- ▶ **Learned**—The number of topics that the student has practiced successfully in Learning Mode but has not yet been assessed on through a Knowledge Check.
- ▶ **Remaining**—The number of topics the student has left to learn.

**How to Find It:** Go to the homepage | Select the **ALEKS Pie** button

The number in the center of the ALEKS Pie is a counter that represents the number of topics the student has **mastered plus learned**.

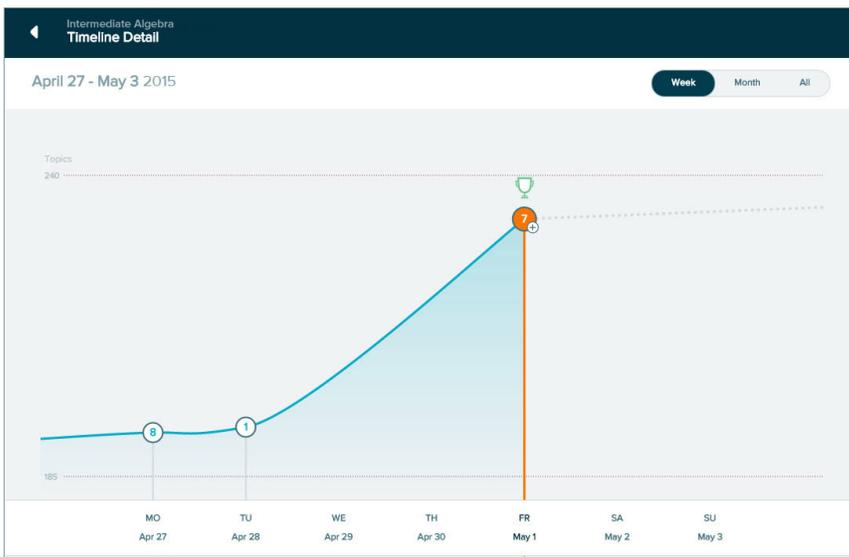
Selecting on the center of the pie toggles back and forth between total topic progress and percentage topic progress. This toggle is available only on the homepage of the New Student Module and is only for the total pie, not per slice.



### TIMELINE DETAIL BUTTON

This view of the timeline provides a more detailed full-screen view and longer time range than the timeline shown on the homepage. Students can filter their timeline view by day, week, or month.

**How to Find It:** The Timeline Detail button is located on the bottom-right corner of the homepage

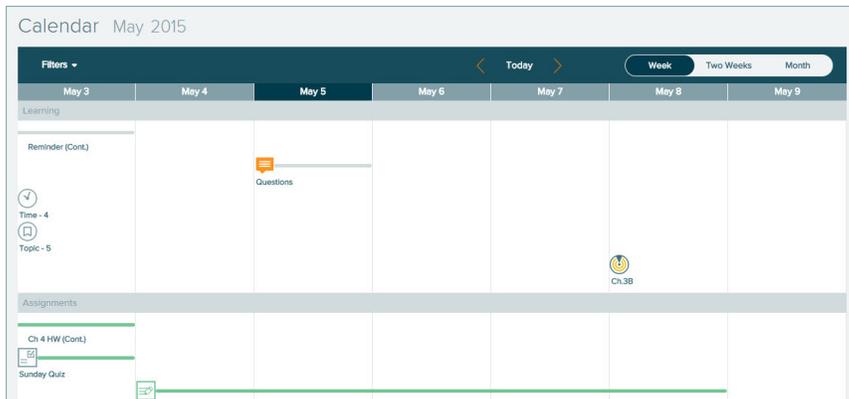


### CALENDAR BUTTON

The calendar button goes to the same calendar feature that is accessible from the menu.

**How to Find It:** The calendar button is located on the bottom-right corner of the homepage

**Alternate Navigation Route:** Select the menu in the upper-left corner | Select Calendar



## HOW TO NAVIGATE

There are two ways to navigate the Student Module: The [Primary Guidance Menu](#) and the [Navigation Menu](#), indicated on the upper-left corner of the screen by this icon: ☰

## PRIMARY GUIDANCE MENU

This blue bar is the most important area on the homepage because it contains what the student should work on next. Generally, the most important task for students is to continue on their personalized learning path. Items that appear in this menu are contextual to each student's unique learning path and update according to priority, which may also include assignments or Knowledge Checks. Students are directed to the task by buttons that appear on the Primary Guidance Menu.

The Primary Guidance Menu also contains secondary tasks which allow students to choose something else to work on that is not imminent or high in priority and also see what goals and deadlines are coming up next.

**How to Find It:** Locate the blue navigation bar on the student's homepage

The Primary Guidance Menu is broken down as follows:

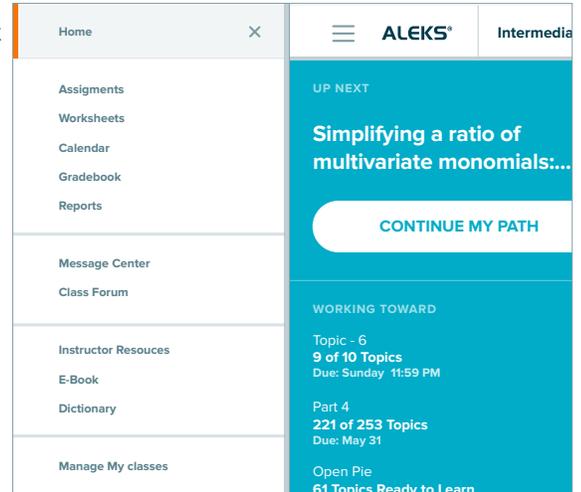
- 1 | UP NEXT**—Contains buttons such as **START MY PATH/CONTINUE MY PATH** primary call to action buttons to direct students to Learning Mode where they will practice problems that they are Ready to Learn. The **GET STARTED/CONTINUE** button begins or continues an assignment when it's available to take.
- 2 | WORKING TOWARD**—This section displays goals and what the student is working toward, including due dates. (e.g., Objectives, Class Mastery, Pacing Goals including weekly topic and/or hour goals).
- 3 | WORK ON SOMETHING ELSE**—This section contains class assignments as they become available to work on (if any) and gives students other options for tasks based on priority of importance.

The screenshot shows a vertical stack of three sections in a blue-themed interface. The top section, 'UP NEXT', is highlighted with a yellow '1' in a circle and contains a white button labeled 'CONTINUE MY PATH' with the text 'Simplifying a ratio of multivariate monomials:...' above it. The middle section, 'WORKING TOWARD', is highlighted with a yellow '2' in a circle and lists 'Topic - 6' (9 of 10 Topics, Due: Sunday 11:59 PM), 'Part 4' (221 of 253 Topics, Due: May 31), and 'Open Pie' (61 Topics Ready to Learn, Ends: Friday 11:59 PM). The bottom section, 'WORK ON SOMETHING ELSE', is highlighted with a yellow '3' in a circle and shows 'Homework 4' (Due: Tomorrow 11:59 PM) with a right-pointing arrow.

# NAVIGATION MENU

The left-side Navigation Menu provides access to features in the Student Module .

**How to Find It:** Select the menu in the upper-left corner | The menu slides open to display menu options | Close the menu by selecting the X or selecting the menu icon again



## Home

When the menu is open, students can return to their homepage by selecting Home.

**How to Find It:** Select the menu in the upper-left corner | Select **Home**



Below are some helpful icons that can be used to also **return students to their homepage** when the menu is closed.



### The ALEKS Logo

**How to Find It:** Located on the top-left corner | Select on the **ALEKS logo**



### Home Icon

**How to Find It:** Located on the top-left corner of every page in Learning Mode | Select on the **Home icon**



### Left Arrow Icon

**How to Find It:** Located on the top-left corner of every page in an assignment | Select on the **left arrow icon**

## Assignments

Students can view all current, upcoming, and past assignments, including homework, tests, quizzes, Objectives, and scheduled Knowledge Checks conveniently in one table. They can also view due dates, scores, attempts remaining, and details about the assignment to plan their classwork. Assignments are sorted by due date, but columns are not sortable.

Assignments can be started by selecting an assignment name. ALEKS indicates when assignments are “In Progress” or “Saved for Later” so that students can pick up where they left off.

**How to Find It:** Select the Navigation Menu in the upper-left corner | Select **Assignments**

Name	Type	Start	Due	Score	Details
Scheduled Assessment 1	Scheduled Knowledge Check	04/26/2015 2:00 AM	04/30/2015 11:59 PM	-	1 of 1 Remaining
Quiz 1	Quiz	04/26/2015 2:00 AM	04/30/2015 11:59 PM	-	0 of Unlimited Attempts Quick Retake available
Test 1	Test	04/26/2015 2:00 AM	04/30/2015 11:59 PM	-	0 of Unlimited Attempts Quick Retake available
Homework 1 <i>Saved For Later</i>	Homework	04/26/2015 2:00 AM	04/30/2015 11:59 PM	-	0 of Unlimited Attempts Quick Retake available
Homework 2 <i>In Progress</i>	Homework Password Protected	04/27/2015 2:14 PM	04/27/2015 11:59 PM	100% Best	1 of Unlimited Attempts
Homework 3	Homework Password Protected	04/27/2015 2:24 PM	04/27/2015 11:59 PM	80% Best	0 of 1 Remaining
Topic - 4	Topic Goal	04/19/2015 11:59 PM	04/26/2015 11:59 PM	100%	

## Assignment Filters

By default all assignments are displayed in the table. However, students can filter for specific assignment categories or by date range through the **Filters** drop-down menu.

**How to Find It:** Select the Navigation Menu in the upper-left corner | Select **Assignments** | Select on the drop-down arrow by the Filters heading

**Filters** ▾

View

Group by Category

Filters

All

Progress Goal

Time Goal

Topic Goal

Scheduled Knowledge Check

Quiz

Test

Homework

View by Date Range

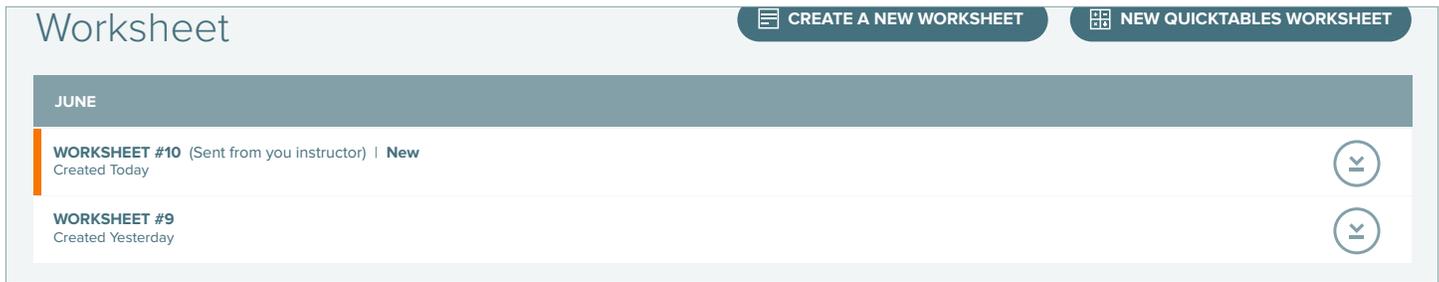
All Last Month Last Week

Reset

## Worksheet

If the instructor of the class has assigned a worksheet, students can access their worksheet through the Worksheet menu.

**How to Find It:** Select the menu in the upper-left corner | Select Worksheet

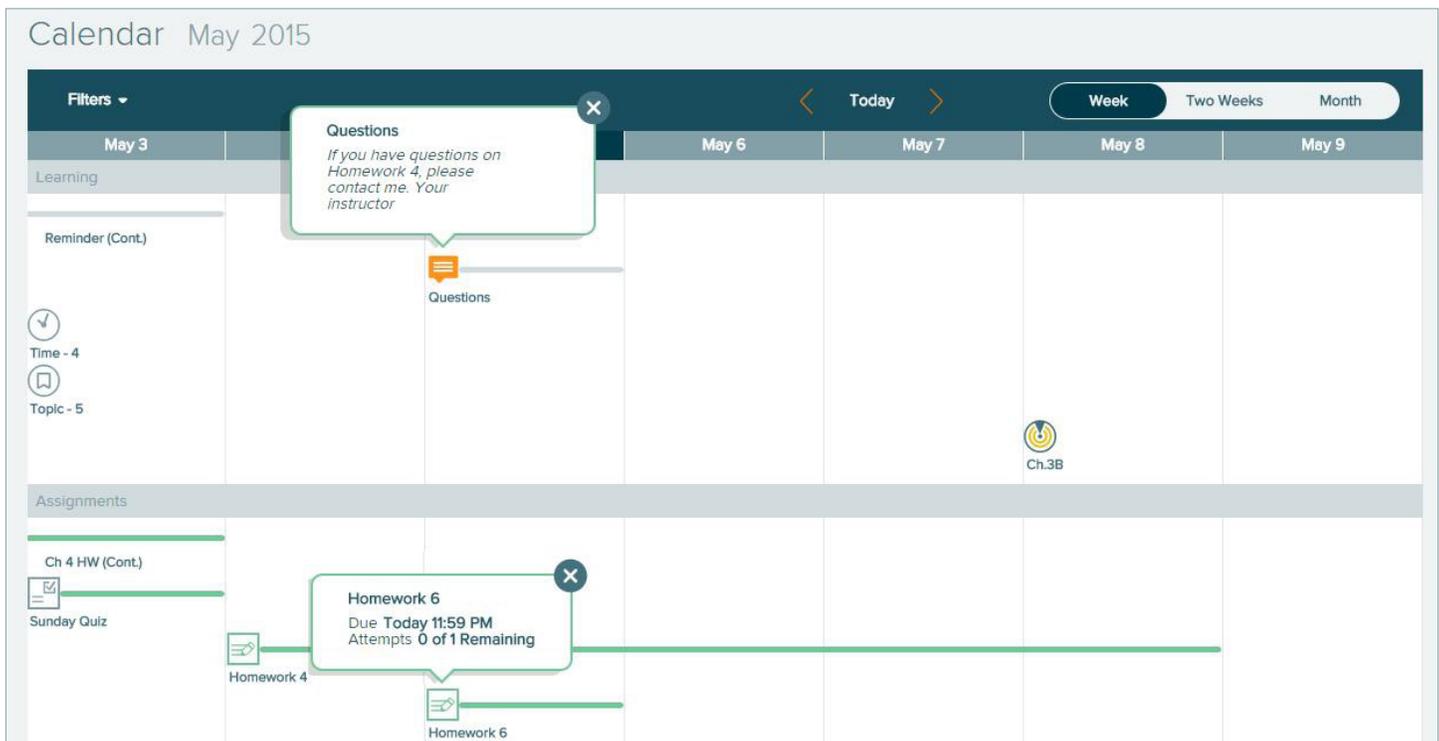


## Calendar

The class calendar can be used to view class assignments by day, two-week, or month view. Selecting on an icon displays details about the assignment. Notes added by their instructor (if any) will also be displayed on the calendar.

**How to Find It:** Select the menu in the upper-left corner | Select **Calendar**

**Alternate Navigation Route:** Go to the homepage | Select the **Calendar** button located at the **bottom of the homepage**



If instructors have enabled the class gradebook, students can view their overall grade and also check their scores on Objectives, learning goals, and assignments.

Name	Type	Due	Grade	Points	Details
<b>Progress Goal (100%)</b> Weight: 10%					
Part 3	Progress Goal	05/15/2015 11:59 PM	100%		
Part 2	Progress Goal	04/30/2015 11:59 PM	100%		
<b>Time Goal (100%)</b> Weight: 10%					
Time - 4	Time Goal	05/03/2015 11:59 PM	100%		
Time - 3	Time Goal	04/26/2015 11:59 PM	100%		
<b>Objective (95%)</b> Weight: 50%					
Ch.3-Graphing Linear Equations in Two Variables	Objective	05/01/2015 11:59 PM	100%		
Ch.2B	Objective	04/24/2015 11:59 PM	80%		Instructor Modified

**How to Find It:** Select the menu in the upper-left corner | Select **Gradebook**

### Grading Policy

The instructor’s Grading Policy for the class is available by selecting the link in the upper-right corner of the Gradebook.

**How to Find It:** Select the menu in the upper-left corner | Select **Gradebook** | Select **Grading Policy**

Grading Policy for Total ALEKS Grade:	
Progress Goal	10%
Time Goal	10%
Topic Goal	10%
Scheduled Knowledge Check	50%
Objective	50%
Quizzes	5%
Tests	5%
Homework	5%
External Assignment	1%

## Reports

Reports can be accessed through the Reports dashboard. A dashboard displays snapshots that provide quick overviews of important data applicable to students. Dashboards can have two pages of tiles and consist of up to six dynamic tiles per page. Students can use each tile to navigate to pages containing more detail regarding the information listed on the dashboard tile.

**How to Find It:** Select the menu in the upper-left corner | Select **Reports** | From the Report dashboard, select **View Full Report** on the applicable tile

The tiles can be moved around on the page and placed in order of importance by selecting the tiles icon  in the upper-right corner of each tile to move it into a new position on the page or onto the second page.

**How to Find It:** Select the menu in the upper-left corner | Select **Reports**

Below are examples of the tiles on a student's dashboard.



## Most Common Reports

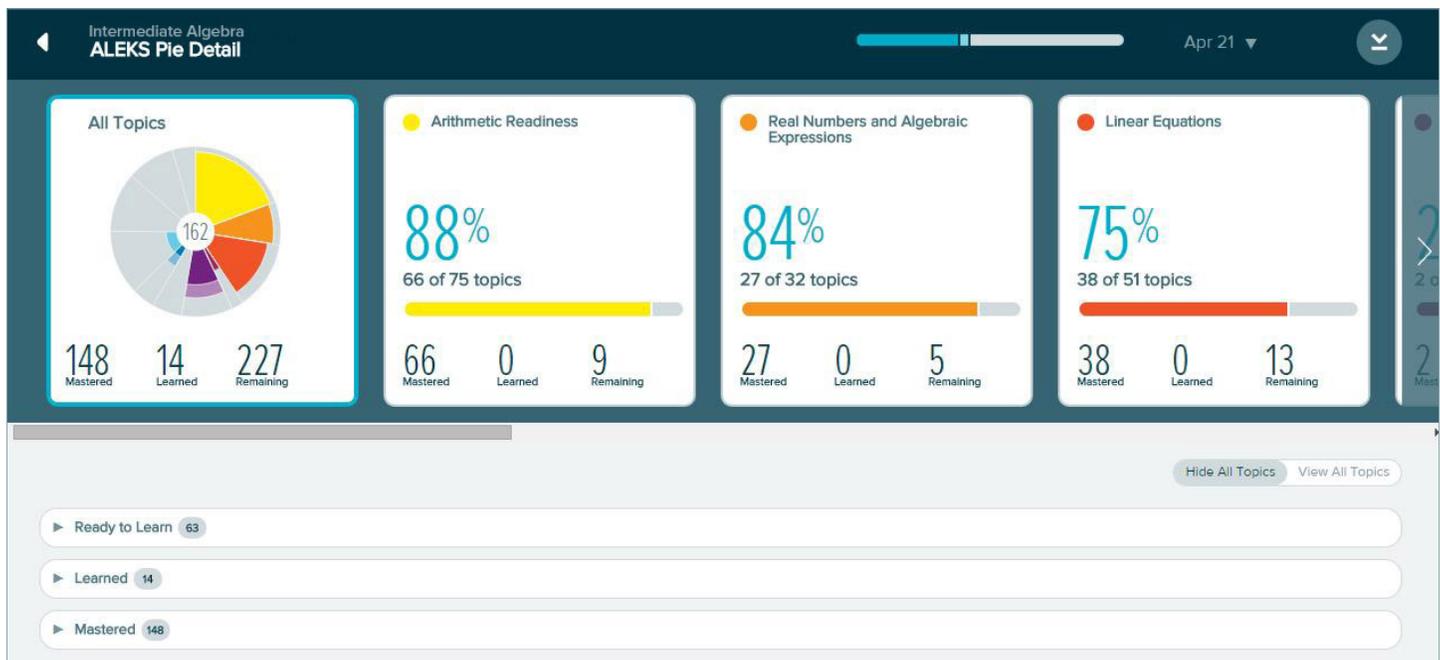
Reports provide students with reflection on how they performed on past activities and allow them to see their class progress. Popular reports viewed are the ALEKS Pie, Progress, Time and Topic, and Progress in Learning Mode reports.

**How to Find It:** Select the menu in the upper-left corner | Select **Reports** | From the Report dashboard, select **View Full Report** on the applicable tile

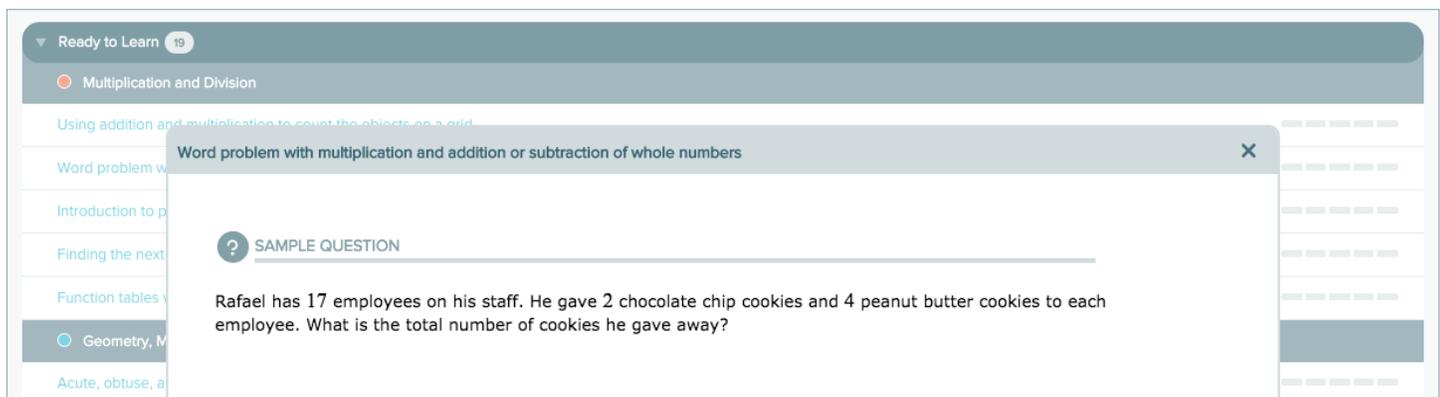
## ALEKS Pie Report

This report shows the student's class progress broken down by the topics the student has mastered, learned, and remaining in each pie slice.

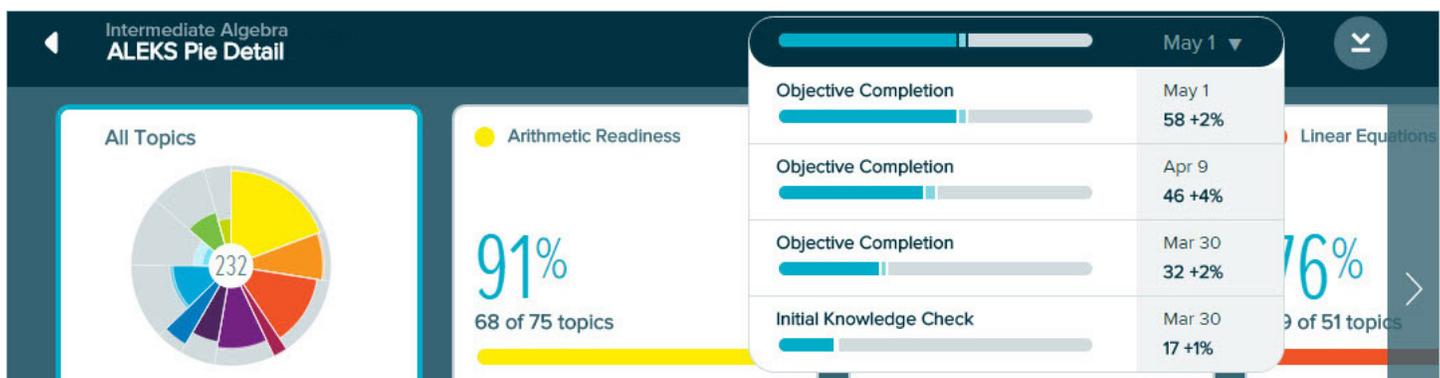
**How to Find It:** From the Report dashboard, locate the ALEKS Pie tile | Select **View Full Report**



Category headings can be expanded to view progress and sample problems from the Ready to Learn, Learned, or Mastered categories.



The drop-down menu at the top of the report displays progress in Knowledge Checks. Students can use this drop-down to track how they have performed across all Knowledge Checks in their class.



## Progress Report

Students can see their progress on Knowledge Checks and in Learning Mode for their current class by default, or all classes they are enrolled in after selecting the **All Classes** tab.

**How to Find It:** From the Report dashboard, locate the Progress tile | Select **View All**

### Current Class Tab

Below is an example of the report for a student's current class.

Intermediate Algebra Progress History								
Last Login	Enroll Date	Hours per Week	Total Time in this Class					
09/29/2015	09/29/2015	0.0	1m 20s					
Intermediate Algebra (Current Class)			All Classes			Legend		
Knowledge Checks			Performance			Since Last Knowledge Check		
Reason	Start	Finish	Progress	Percent	ALEKS Grade	Topics Learned	Hours in ALEKS	Topics Learned per Hour
Ch.2B Objective Completion	May 1	May 1 4m 1s		58 +2%		7	1.1	6.6
Additional Topics Appendix Objective Completion	Apr 9	Apr 9 5m 35s		46 +4%		16	2.6	6.2
Ch.1-The Set of Real Numbers Objective Completion	Mar 30	Mar 30 5m 56s		32 +2%		9	-	-
Initial Knowledge Check	Mar 30	Mar 30 0m 8s		17 +1%		3	-	-

### All Classes Tab

Below is an example of the report for all classes the student is enrolled in.

Intermediate Algebra (Current Class)								
Intermediate Algebra (Current Class)			All Classes			Legend		
Knowledge Checks			Performance			Since Last Knowledge Check		
Reason	Start	Finish	Progress	Percent	ALEKS Grade	Topics Learned	Hours in ALEKS	Topics Learned per Hour
<b>Intermediate Algebra (Current Class) - 389 Topics - Instructor Popadak</b>								
Progress Knowledge Check	Apr 30	Apr 30 0m 8s		54 +7%		26	13.2	2
Ch.2B Objective Completion	Apr 21	Apr 21 0m 5s		33 +6%		23	10.4	2.2
Additional Topics Appendix Objective Completion	Apr 14	Apr 14 0m 6s		54 +5%		19	-	-
Initial Knowledge Check	Apr 3	Apr 3 0m 7s		54 +1%		2	-	-
<b>Intermediate Algebra (Current Class) - 389 Topics - Instructor Popadak</b>								
Ch.2B Objective Completion	May 7	May 7 0m 5s		54 +0%		0	-	-

Selecting on the Legend above the report opens a pop-up legend that displays the meaning of the colors in the progress bar.

Int Alg 001 - MW 7-9:30 OWED Progress History								
Int Alg 001 - MW 7-9:30 OWED (Current Class)			All Classes			Legend		
Knowledge Checks			Performance			Since Last Knowledge Check		
Reason	Start	Finish	Progress	Percent	ALEKS Grade	Topics Learned	Hours in ALEKS	Topics Learned per Hour
Ch.2B Objective Completion	May 1	May 1 4m 1s		52 +4%				
Additional Topics Appendix Objective Completion	Apr 9	Apr 9 5m 35s						
Ch.1-The Set of Real Numbers Objective Completion	Mar 30	Mar 30 5m 56s						
Initial Knowledge Check	Mar 30	Mar 30				3	-	-

**Legend**

- Content Mastered Based on Knowledge Check
- Progress in Learning Mode
- Content Not Yet Mastered

**Example of Progress Bars**  
The progress bar represents the entire class content.

52 +4%

- This student mastered **52%** of the class according to their most recent Knowledge Check.
- The student then added **4%** in Learning Mode.
- The student has **44%** remaining.

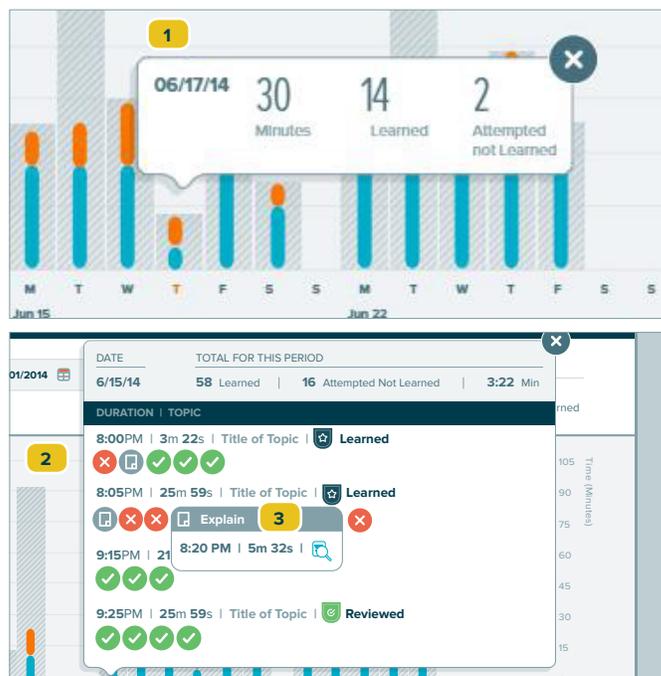
## Time and Topic Report

This report helps students see their accomplishments, including a daily breakdown of time spent in ALEKS. The view can be adjusted to a weekly, monthly, or cumulative view, or a specific date range.

**How to Find It:** From the report dashboard, locate the This Week's Activity tile | Select **View Full Report**



- 1 | Hovering over the bars shows a snapshot of how much time was spent and which topics were learned vs. attempted on that day.
- 2 | Students can select on a bar to see the Learning Sequence Log, which shows the sequence of actions they took to learn the topic. The exact problems practiced and the answers entered can be viewed from this log.
- 3 | Selecting the magnifying glass icon (🔍) shows the student's answer and the correct answer if different.



## Objective Detail Report

This report helps students track their progress towards Objective completion for classes set up to use Objectives. The report displays goal topics, prerequisite topics, and locked topics (that are not yet Ready to Learn and cannot be accessed by the student until necessary prerequisite topics are learned).

**How to Find It:** From the Report dashboard, locate the Current Objective tile | Select **View Full Report**

Intermediate Algebra  
**Objective Details**

Submitted On Apr 14 with 100% completion  
Ch.2-Linear Equations and Inequalities  
92%  
12 of 13 Topics  
Remaining 1 Goal Topic

Submitted On Apr 21 with 100% completion  
Ch.2B  
29%  
2 of 7 Topics  
Remaining 5 Goal Topics

Due May 1  
Ch.3-Graphing Linear Equations in Two Variables  
70%  
7 of 10 Topics  
Remaining 3 Goal Topics  
0 Prerequisite Topics

Due May 8  
Ch.3B  
7 of 14 Topics  
Remaining 7 Goal Topics

5  
Hide All Topics View All Topics

► Ready to Learn 2

► Learned 4

► Mastered 3

1 | Scroll through a set of four Objectives at a time.

2 | View details on a past Objective.

3 | View details on a current Objective.

4 | View details on a future Objective.

5 | Expand to see topics in each category.

## Standards Report

Students can view this report to see their percentage mastery by strand and sub-strand according to the state or Common Core State Standards (if adopted by the state).

**How to Find It:** From the Report dashboard, locate the Standards tile | Select **View Detail**

Intermediate Algebra  
**Standards Details**

Common Core Standards Related to Beginning Algebra  
28%  
Overall Progress

REAL NUMBERS & LINEAR EQUATIONS  
86%  
12 of 14 Standards  
12 Progress 2 Remaining

SYSTEMS of EQUATIONS  
0%  
0 of 3 Standards  
0 Progress 3 Remaining

EXPONENTS & POLYNOMIALS  
0%  
0 of 4 Standards  
0 Progress 4 Remaining

All Standards  
A standard is considered completed when you have learned or mastered at least 50% of the ALEKS topics for that standard.

► REAL NUMBERS & LINEAR EQUATIONS 14

► SYSTEMS of EQUATIONS 3

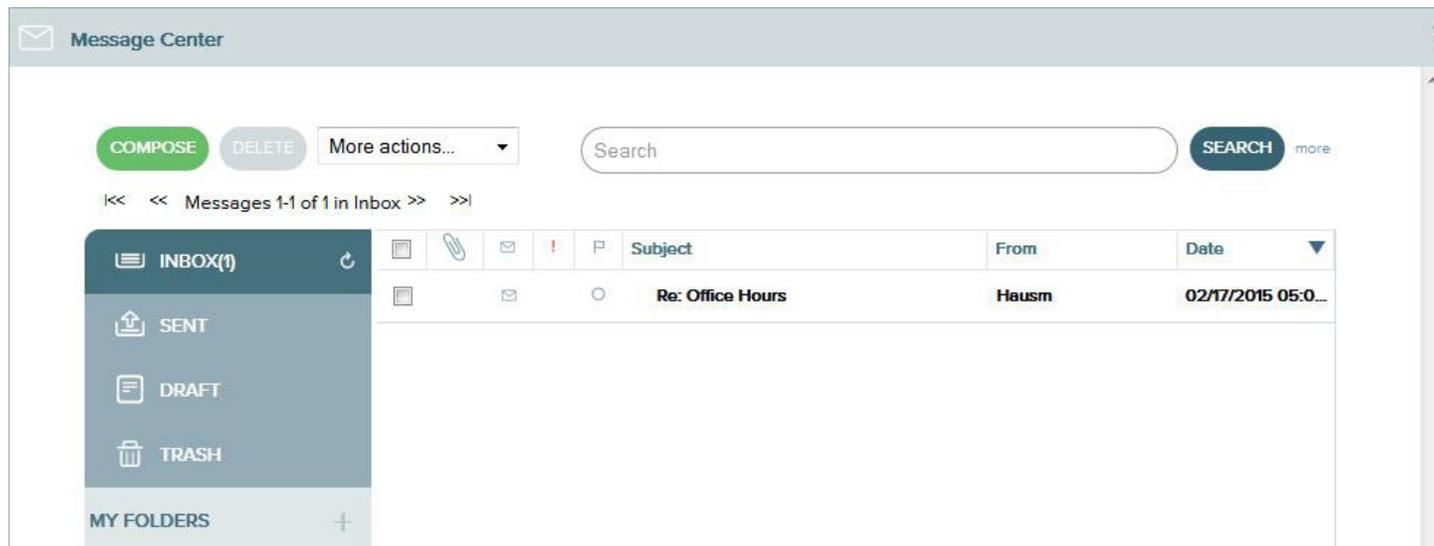
► EXPONENTS & POLYNOMIALS 4

Hide All Topics View All Topics

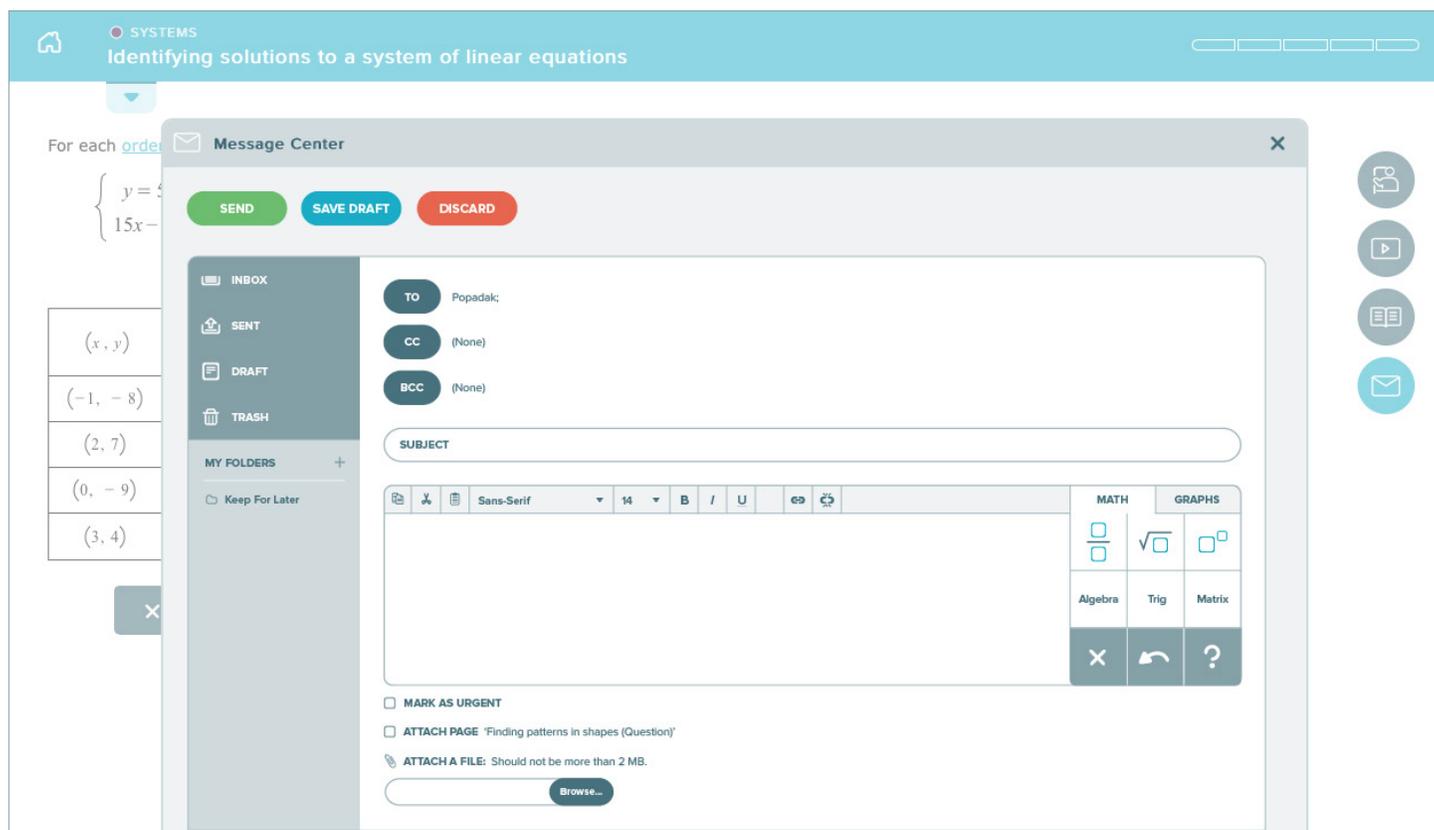
## Message Center

Students and instructors have access to the ALEKS Message Center. This is where messages can be sent and received from student to instructor and ALEKS Customer Support. Students can send a message to their instructor to ask for help and ALEKS automatically attaches the problem they are working on to the message.

**How to Find It:** Select the menu in the upper-left corner | Select **Message Center**



**Alternate Navigation Route:** In Learning Mode students can send a message to their instructor by selecting the envelope icon.



## Class Forum

Used to facilitate meaningful discussions with students in the class.

**How to Find It:** Select the menu in the upper-left corner | Select **Class Forum**

Class Forum

Mark as All Read + New Thread

Filters << < Page 1 of 4 > >>

Welcome!

**Jane Doe** *New*

Hello Students,

Welcome to Intermediate Algebra!

Your Instructor,  
Ms. Doe

3 Minutes ago

Showing 1 New Comment (View All 3 Comments)

**Pam** *New*

Hello!

What are your office hours, Ms. Doe? Are they the same as listen on the school website? See attached photo.

3 Minutes ago

Photo.png (size: 27 KB)

## Instructor Resources

If the instructor has uploaded resources, attachments, or notes at the class or topic level, students can access them from the menu or while they are working in Learning Mode for more help.

**How to Find It:** Select the menu in the upper-left corner | Select **Instructor Resources**

**How to Find It:** Go to the Learning Mode | Select the **Instructor Resources** icon

- Attachment
- Project Overview
- Review of Negative and Positive Exponents
- Linear Equations Tutorials
- Welcome to ALEKS!  
Looking forward to seeing you at the kick-off!

ARITHMETIC READINESS

Converting a mixed number to a terminating decimal: Advanced

Write  $26\frac{15}{16}$  as a decimal.

x ↶ ?

Instructor Resources

Instructor Resources

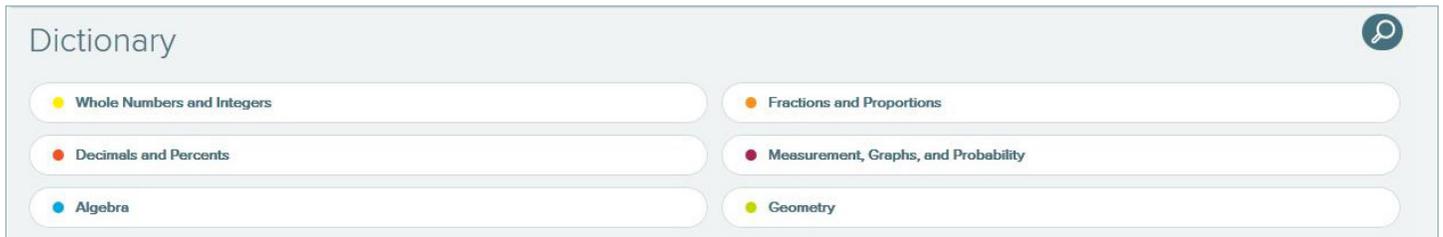
Resources from Your Instructor

- Nyan Theorem
- Forums

## Dictionary

Students can search an online dictionary of terms relevant to their class subject.

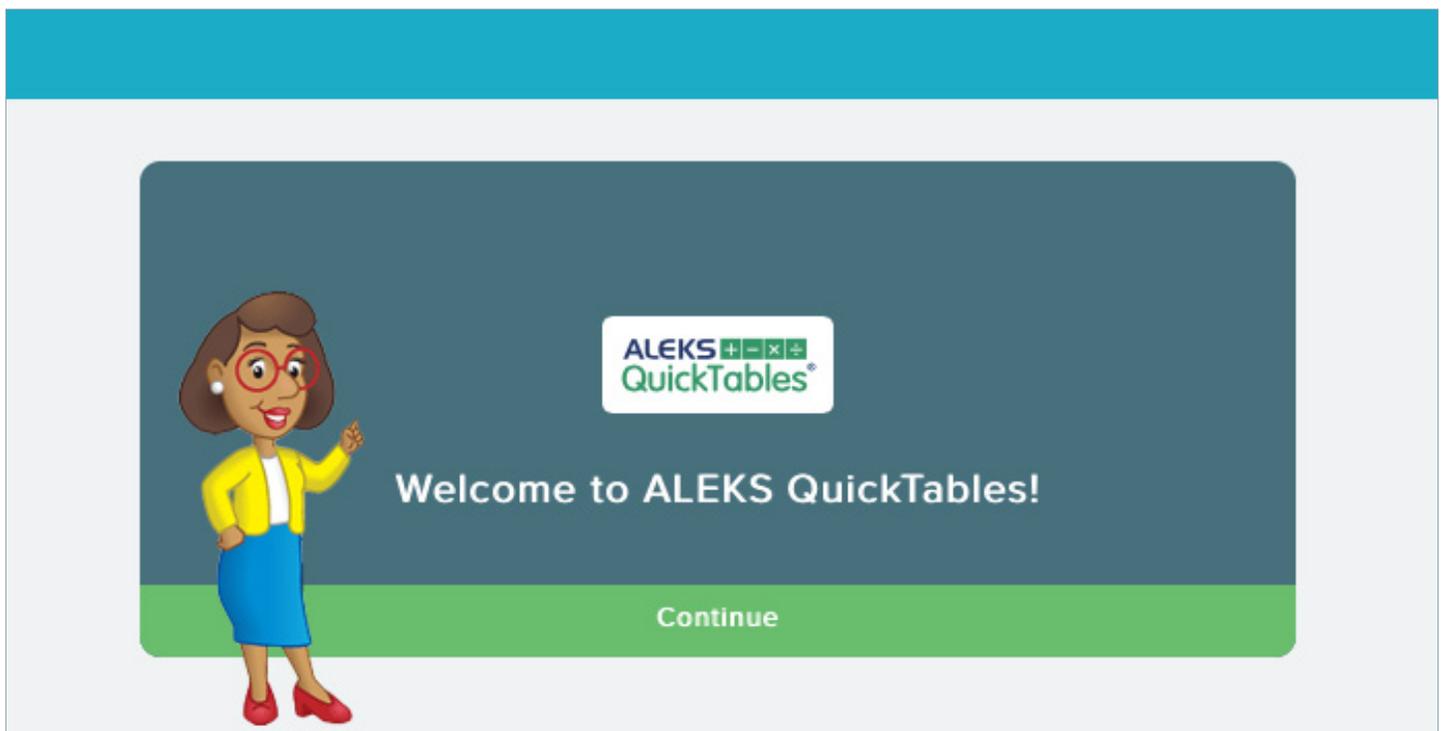
**How to Find It:** Select the menu in the upper-left corner | Select Dictionary



## QuickTables

QuickTables is a special tool in ALEKS for learning the math facts of addition, subtraction, multiplication, and division. Instructors can enable QuickTables through the Instructor Module.

**How to Find It:** Select the menu in the upper-left corner | Select **QuickTables** | Select the + sign | Select the math table you want to work on

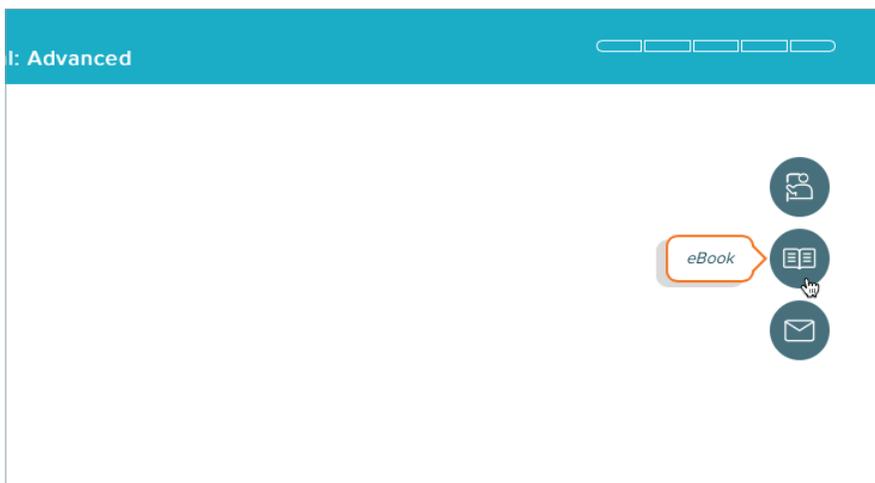
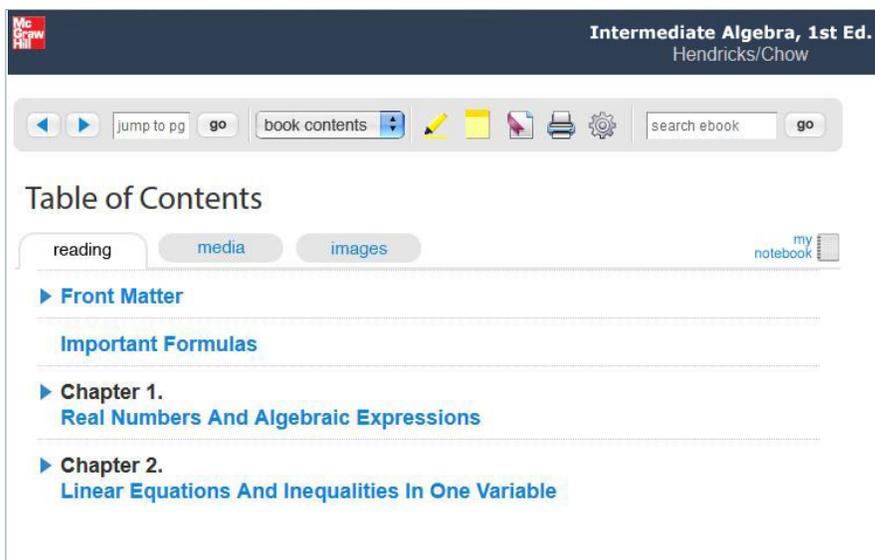


## E-Book

When an e-Book is available for the class, students can access it from the Navigation Menu and in Learning Mode. E-Books can be integrated with select ALEKS course products, and are high-quality, interactive versions of their physical counterparts. They offer robust virtual features, including highlighting, book-marking, and note taking, and allow students and instructors to access the full textbook content, as well as multimedia resources (i.e. videos, images, exercises, etc.).

**How to Find It:** Select the menu in the upper-left corner | Select **E-Book**

**Alternate Navigation Route:** Go to the Learning Mode | Select the **E-Book** icon



## Manage My Classes (Student Account Home)

Students can manage their classes from their Student Account Home. The Account Home groups all ALEKS classes for a single student under the same umbrella account, meaning students can manage past and current ALEKS classes and add more ALEKS classes within their umbrella account.

With Student Account Home, students have one ALEKS login name and password for all their ALEKS classes. The Account Home lists all of a student's current and previous ALEKS classes and includes options to sign up for new classes, switch classes, etc.

**How to Find It:** Select the menu in the upper-left corner | Select **Manage My Classes**

## My Classes

[+ NEW CLASS](#)

## Active (1)

## ALEKS QC Department

## Basic Math / Basic Math

Instructor: Dr. Garcia  
 Last Login: 08/12/2016  
 Expiration Date: 09/26/2016  
[Hide Details](#)

Class Code: MN99X-4AE9D  
 Reference: JDOE1087-2  
 Start Date: 08/12/2016  
 Time Spent in Class: 5 minutes

Current Progress:  85 %

[Extend Access](#) [Switch Class](#) [Suspend Access](#)

## On-Hold (1)

## ALEKS QC Department

## Intermediate Algebra with eBook / Intermediate Algebra

Instructor: Dr. Garcia  
 Last Login: 08/12/2016  
[Show Details](#)

**Your access is suspended. You cannot reactivate access until 11/17/2016.**

[Reactivate](#)

## Inactive (0)

There are no inactive classes.

## Pending Authorization (Applies to K-12 Students Only)

If the instructor does not authorize students to use ALEKS in the ALEKS Instructor Module, students will not be able to log into their class from their Student Account Home. The following message will be displayed under their class name:

Instructors can authorize students' registration so that they can begin using ALEKS by logging into their ALEKS Instructor Module and navigating to the Authorization feature.

## Active (0)

You have no active classes. Click on the "Sign up for a new class" button above to enroll in a new class.

## Pending Instructor Authorization (1)

## McGraw Hill Demo School SMRT

3rd Grade Math  
Mathematics - LV 3

 Pending Instructor Authorization

Instructor: Mrs. Anderson  
 Last Login: pending

[Show more](#) |

## LEARNING MODE

Learning Mode is where students practice Ready to Learn topics, and review previously learned and mastered topics. Students can start their individualized learning path from the Primary Guidance Menu.

**How to Find It:** Go to the Primary Guidance Menu | Select **START MY PATH**

**Alternate Navigation Route:** Select the Menu in the upper-left corner | Select **Learn**

UP NEXT

**Simplifying a ration of factored polynomials: Line....**

**START MY PATH**

WORKING TOWARD

Class Progress  
215 of 495 Topics

WORK ON SOMETHING ELSE

No Other Assignments

You're all set!

Let's get started on your personalized learning path.

MO May 4 TU May 5 WE May 6

## LEARNING PAGE

Before starting to work on a topic, students may see a learning page that provides an example of the problem and explains how to solve it. The Learning Page is on by default (off for some K12 ALEKS course products) however, the instructor can change the Learning Options class setting in the ALEKS Instructor Module to disable or enable the learning page. if needed, students can easily get to a learning page by selecting **Explanation** from a problem page.

ALEKS offers quick tips when students encounter a Learning Page for the first time. The first problem in the topic begins after selecting **Start**.

LINEAR EQUATIONS  
Solving for a variable in terms of other variables using addition or subtracti...

QUESTION

Solve for  $x$ .

$$A = x + y - 9$$

EXPLANATION

To solve for  $x$ , we first subtract  $y$  from both sides of the equation and [simplify](#).

$$A - y = x + y - y - 9$$
$$A - y = x - 9$$

Then, we add 9 to both sides of the equation and simplify.

$$A - y + 9 = x - 9 + 9$$
$$A - y + 9 = x$$

ANSWER

$$x = A - y + 9$$

A shortcut

Use the Start Button to begin working on this topic.

Got It

Start

This is your Learning Page. Your instructor wants you to review this material before you start learning.

Next

## Example of a Problem Page in Learning Mode

Below is an example of a problem in Learning Mode that points out key areas of the page with a description. For more details, please select on the links to go to the applicable section in this document.

1

2 LINEAR EQUATIONS

3 Translating a sentence into a multi-step equation

4

5

6

7

8

9

Explanation

Check

**1 | Home:** Returns students to the homepage.

**2 | Slice Name.**

**3 | Topic Name.**

**4 | Topic Carousel Tab:** Opens/closes the [Topic Carousel](#) where students can choose other topics to work on.

**5 | Underlined Mathematical Terms:** Links to the dictionary. Students can select any term to get a complete definition.

**6 | Progress Indicator:** Displays immediate feedback messages and a counter to show how many correct answers students need in a row.

**7 | Resources:** Students will have access to learning resources (i.e. tools on the right side of the page) while they are working on problems.

**8 | Explanation:** Opens a pop-up with an explanation of how to solve the problem. Using this button does not count against the student's score.

**9 | Check:** Checks the answer submitted by the student.

## Resources Available on Problem Pages and Explain Pages

For help on a problem or Explanation Page, students have access to learning resources (i.e., tools on the right side of the page). If resources are uploaded to the class or individual topic level by the instructor, they will also appear in the same area. Instructors can choose to turn off resources through the Learning Options settings in the ALEKS Instructor Module.

Below is an example showing resources available on a problem in Learning Mode. Selecting an icon opens a pop-up with more details about the resource.

The screenshot shows the ALEKS interface for the topic "EXONENTS" and the problem "Simplifying a ratio of multivariate monomials: Basic". The problem asks to "Simplify" the expression  $\frac{12yz}{32xyz}$ . Below the expression is an input field and a calculator. On the right side, there are three icons: a book, a document, and an envelope. A pop-up window titled "Textbook" is open, showing details for "Beginning Algebra, 4th Ed. Miller/O'Neill/Hyde", "Section 5.1 Multiplying and Dividing Expressions with Common Bases", and "Supplementary Resources". A callout box labeled "eBook" points to the document icon.

**Message Instructor:** In Learning Mode, students can send a message to their instructor by selecting the envelope icon.

This screenshot is similar to the previous one, showing the same math problem and calculator. However, the pop-up window is not present. Instead, a callout box labeled "Message Your Instructor" points to the envelope icon on the right side of the interface.

## PROGRESS INDICATOR

When students answer a problem in Learning Mode, they can immediately see how they performed. The progress indicator in the top-right corner displays messages and a counter to show when problems are answered right or wrong.

### How the Progress Indicator Works

Problems are based on a point system. ALEKS considers a topic learned when a student achieves a total of 5 points per topic. The bars in the progress indicator represent how many problems the student needs to answer correctly in a row before the topic is considered learned. The student is then moved on to the next topic in the Topic Carousel. This is helpful for students as they can visually see how close they are to achieving their goal. Students receive one point for each correct answer, and one point subtracted for each incorrect answer. If two problems are answered in a row correctly without using the [Explanation](#) Page, double credit (2 points) is received. The number of points cannot go below zero.

The progress bars are dynamic and change colors. Bars are shaded in green based on the number of points achieved after a correct answer. The goal is for students to have a fully shaded progress indicator:



The progress indicator changes in an array of colors and moves from yellow to orange, and finally, to red with each incorrect attempt.



Sometimes students may see that their progress indicator contains three bars instead of five; this is normal. ALEKS adjusts the progress bars based on the student's knowledge of the topic.



Below are examples to demonstrate how the progress indicator works.

### Example #1: Student Answers an Entire Topic Correctly

#### 1st Attempt

The student receives the first problem in the topic. The student answers correctly. The following events occur:

- ▶ The message “**Excellent! Keep going...**” is displayed by the progress indicator to motivate students
- ▶ The first bar on the progress indicator fills in with the color green
- ▶ “+1” point is displayed by the progress indicator
- ▶ “**Correct**” is displayed on the page
- ▶ The “**Next**” button moves the student to a new problem in the current topic

LINES AND FUNCTIONS  
Finding outputs of a two-step function with decimals that models a real-wo... Excellent! Keep going... +1

Correct

Maria rented a truck for one day. There was a base fee of \$10.50, and there was an additional charge of 9 cents for each mile driven. The total cost,  $C$  (in dollars), for driving  $x$  miles is given by the following function.

$$C(x) = 0.09x + 10.50$$

What is the total rental cost if Maria drove 15 miles?

11.85 dollars

Next

#### 2nd Attempt

The student answers the problem correctly without selecting Explanation. The following events occur:

- ▶ The message “**2 in a row! Double credit!**” is displayed by the progress indicator to congratulate the student
- ▶ The next two bars on the progress indicator fill in with the color green
- ▶ “+2” points are displayed by the progress indicator
- ▶ “**Correct**” is displayed on the page
- ▶ The “**Next**” button moves the student to a new problem in the current topic


LINES AND FUNCTIONS
2 in a row! Double credit!
+2

---

Correct

A plant is already 8.00 meters tall, and it will grow 10 centimeters every month. The plant's height,  $H$  (in meters), after  $x$  months is given by the following function.

$$H(x) = 8.00 + 0.10x$$

What is the plant's height after 20 months?

Next

### 3rd Attempt

On the next problem the student answers correctly. The following events occur:

- ▶ The message “**3 in a row!**” is displayed by the progress indicator to congratulate the student
- ▶ The last two bars on the progress indicator fill in with the color green
- ▶ “+2” points are displayed by the progress indicator
- ▶ “**Correct**” is displayed on the page
- ▶ The “**Next**” button moves the student to the next topic in the Topic Carousel


LINES AND FUNCTIONS
3 in a row!
+2

---

Correct

Kevin rented a truck for one day. There was a base fee of \$9.00, and there was an additional charge of 8 cents for each mile driven. The total cost,  $C$  (in dollars), for driving  $x$  miles is given by the following function.

$$C(x) = 9.00 + 0.08x$$

What is the total rental cost if Kevin drove 40 miles?

Next

## Example #2: Student Answers an Entire Topic Incorrectly

### 1st Attempt

The student receives the problem below and answers incorrectly. The following events occur:

- ▶ The message “**Try again...**” is displayed by the progress indicator
- ▶ “**Try Again**” is displayed on the page
- ▶ The student has another attempt at the same problem in the current topic
- ▶ The “**Check**” button is replaced with “**Re-Check**”

The screenshot shows a math problem interface. At the top, there is a teal header with a home icon, the text "RADICALS Square roots of perfect squares with signs", and a progress indicator showing "Try again..." with four empty boxes. Below the header, a red "Try Again" button is visible. The main content area contains the instruction "Evaluate the following. Click on 'Not a real number' if applicable." and two equations:  $-\sqrt{64} = 2$  and  $\sqrt{-49} = 3$ . To the right of the equations is a selection box with the text "Not a real number" and three buttons: a red 'X', a blue undo arrow, and a blue question mark. On the right side of the interface, there are four circular icons: a red speech bubble, a blue play button, a blue list icon, and a blue envelope icon. At the bottom, there are two buttons: a teal "Explanation" button and a red "Re-Check" button.

## 2nd Attempt

The student answers incorrectly. The following events occur:

- ▶ The progress indicator turns yellow
- ▶ “**Incorrect. Try reading the explanation first, then continue.**” is displayed on the page
- ▶ The Explanation Page for the current problem is shown
- ▶ After two missed attempts at the same problem, the “**Continue**” button takes the student to a new instance of the problem in the current topic

 **RADICALS**  
Square roots of perfect squares with signs

Learning Page

 **Incorrect. Try reading the explanation first, then continue.**

 QUESTION

Evaluate the following.  
Click on "Not a real number" if applicable.

$-\sqrt{64} = \square$   
 $\sqrt{-49} = \square$

 EXPLANATION

In these problems, we must deal with negative signs and [square roots](#).

We have that  $\sqrt{a}$  is a [real number](#) only if  $a$  is [positive](#) or 0.  
If  $a$  is [negative](#), then  $\sqrt{a}$  is not a real number. 

We will use this fact in the current problem.

- $-\sqrt{64}$   
Note that  $\sqrt{64} = 8$ .  
This means that  $-\sqrt{64} = -8$ .
- $\sqrt{-49}$   
If  $a$  is negative, then  $\sqrt{a}$  is not a real number.  
So,  $\sqrt{-49}$  is not a real number.

 ANSWER

[Continue](#)


### 3rd Attempt

The student receives a new instance of the problem. The student answers incorrectly. The following events occur:

- ▶ The message “**Try again...**” is displayed by the progress indicator
- ▶ “**Try Again**” is displayed on the page
- ▶ The student has another attempt at the same problem in the current topic
- ▶ The “**Check**” button is replaced with “**Re-Check**”

The screenshot shows a math problem interface. At the top, a blue header contains a home icon, the text "RADICALS Square roots of perfect squares with signs", and a "Try again..." button with a progress indicator. Below the header, a red "Try Again" button is visible. The main content area contains the instruction "Evaluate the following. Click on 'Not a real number' if applicable." and two equations:  $-\sqrt{36} = 3$  and  $-\sqrt{-64} = 3$ . To the right of the equations is a button labeled "Not a real number" with a dropdown arrow, and below it are three buttons: a red "X", a blue undo arrow, and a blue question mark. On the right side of the interface, there is a vertical stack of four circular icons: a document, a play button, a list, and an envelope. At the bottom, there are two buttons: a blue "Explanation" button and a red "Re-Check" button.

#### 4th Attempt

The student answers incorrectly. The following events occur:

- ▶ The progress indicator turns orange
- ▶ “**Incorrect. Try reading the explanation first, then continue.**” is displayed on the page
- ▶ The Explanation Page for the current problem is shown
- ▶ After two missed attempts at the same problem, the “**Continue**” button takes the student to a new instance of the problem in the current topic

The screenshot shows a learning management system interface. At the top, there is a blue header with a home icon, the text "RADICALS", and "Square roots of perfect squares with signs". On the left, a vertical sidebar contains the text "Learning Page". On the right, there is a vertical toolbar with icons for a calculator, a grid, a play button, a list, and an envelope. The main content area is divided into two sections: "QUESTION" and "EXPLANATION".

**QUESTION**

Evaluate the following.

Click on "Not a real number" if applicable.

$$-\sqrt{36} = \text{||}$$
$$-\sqrt{-64} = \text{||}$$

**EXPLANATION**

In these problems, we must deal with negative signs and [square roots](#).

We have that  $\sqrt{a}$  is a [real number](#) only if  $a$  is [positive](#) or 0. [More](#)

If  $a$  is [negative](#), then  $\sqrt{a}$  is not a real number.

We will use this fact in the current problem.

- $-\sqrt{36}$   
Note that  $\sqrt{36} = 6$ .  
This means that  $-\sqrt{36} = -6$ .
- $-\sqrt{-64}$   
If  $a$  is negative, then  $\sqrt{a}$  is not a real number.  
So,  $\sqrt{-64}$  is not a real number.  
This means that  $-\sqrt{-64}$  is not a real number.

At the bottom of the page, there is a blue button labeled "Continue".

### 5th Attempt

The student receives a new instance of the problem. The student answers incorrectly. The following events occur:

- ▶ The progress indicator turns red
- ▶ “**Let’s Take a Break. Your answer is incorrect.**” is displayed on the page
- ▶ The correct answer is presented on the page
- ▶ The “**Work on Something Else**” button directs the student to take a break from the current topic he/she is struggling with and try a new one. The current topic is moved to the last card in the Topic Carousel and the student starts on the next topic in the carousel.

The screenshot shows a math problem interface. At the top, there is a teal header with a home icon, the text "RADICALS" with a yellow dot, and "Square roots of perfect squares with signs". A progress indicator on the right consists of four red segments. On the left, a red speech bubble icon is next to a white box with a red border containing the text: "Let's Take a Break", "Your answer is incorrect.", "Correct answer:", " $\sqrt{-36}$  Not a real number", and " $-\sqrt{4} = -2$ ". Below this, the text "Evaluate the following." is followed by "Click on 'Not a real number' if applicable." Two equations are shown: " $\sqrt{-36} = \square$ " and " $-\sqrt{4} = \square$ ". Underneath, "Your answer:" is followed by " $\sqrt{-36} = 2$ " and " $-\sqrt{4} = 2$ ". At the bottom left, a dark blue button with white text says "Work on Something Else". On the right side, there are four circular icons: a calculator, a play button, a document, and an envelope.

### Example #3: Student Answers a Topic with a Combination of Correct and Incorrect Answers

Below are examples of the progress indicator when points are added or deducted from the total points received.

One point is received for each problem answered correctly. Double credit (2 points) is received when two problems in a row are answered correctly without selecting Explanation.

The screenshot shows a math problem interface. At the top, a teal header contains a home icon, the text "RADICALS Square root of a rational perfect square", and a progress indicator showing "Excellent! Keep going..." with a green bar and a "+1" point icon. Below the header, a green "Correct" button is visible. The problem text says "Simplify." followed by the fraction  $\sqrt{\frac{9}{64}}$ . Below the fraction, it says "Be sure to write your answer in [simplest form](#)." The answer input field contains the fraction  $\frac{3}{8}$ . To the right of the input field is a calculator interface with buttons for a fraction template, a square root template, a multiplication sign, a back arrow, and a question mark. On the far right, there are four circular icons: a document, a play button, a list, and an envelope.

One point is subtracted from the point total when a problem is answered incorrectly.

The screenshot shows a math problem interface. At the top, a teal header contains a home icon, the text "RADICALS Square root of a rational perfect square", and a progress indicator showing "Try again..." with a red bar and a "-1" point icon. Below the header, a red "Try Again" button is visible. The problem text says "Simplify." followed by the fraction  $\sqrt{\frac{25}{100}}$ . Below the fraction, it says "Be sure to write your answer in [simplest form](#)." The answer input field contains the number "5". To the right of the input field is a calculator interface with buttons for a fraction template, a square root template, a multiplication sign, a back arrow, and a question mark. At the bottom of the interface, there are two buttons: "Explanation" and "Re-Check". On the far right, there are four circular icons: a document, a play button, a list, and an envelope.

## EXPLANATION PAGE

Students can view a detailed explanation of how to solve the problem after selecting on Explanation. Blue underlined words within the explanation link to the [dictionary](#).

**EXPLANATIONS**  
Simplifying a ratio of multivariate monomials: Basic

**QUESTION**

Simplify.

$$\frac{49bcd}{56cd}$$

**EXPLANATION**

We simplify  $\frac{49bcd}{56cd}$  as follows.

$$\frac{49bcd}{56cd} = \frac{\cancel{7}49bcd}{\cancel{8}56cd}$$

Canceling the [common factor 7](#)

$$= \frac{7bcd}{8cd}$$

Rewriting without cross-outs

$$= \frac{7b\cancel{c}d}{8\cancel{c}d}$$

Canceling the common factors *c* and *d*

$$= \frac{7b}{8}$$

**ANSWER**

$$\frac{7b}{8}$$

More Practice

## TOPIC CAROUSEL

In Learning Mode, students can access the Topic Carousel by selecting the downward arrow tab ( ). Topics are sorted from easiest to hardest so students first work on topics with the highest likelihood of being learned and retained. Each topic has its own card containing the slice name, the topic name, and attributes (if any). The Topic Carousel shows three cards at a time and is easy to scroll through by using the scroll bar or back/forward arrow. ALEKS offers quick tips when students encounter the Topic Carousel for the first time.

**How to Find It:** Go to Learning Mode | Select the Topic Carousel pull-down tab

**TOPICS**  
Finding x- and y-intercepts of a line given the equation: Basic

Use the arrow to see other topics to work on.

**Ready to Learn**

- Lines and Functions  
Finding x- and y-intercepts of a line given the equation: Basic  
Tags: Instructor Resources
- Lines and Functions  
Writing an equation of a line given its slope and y-intercept  
Tags: Goal Topic, Video, Instructor Resources
- Lines and Functions  
Graphing a line given its equation in standard form  
Tags: Video, Instructor Resources

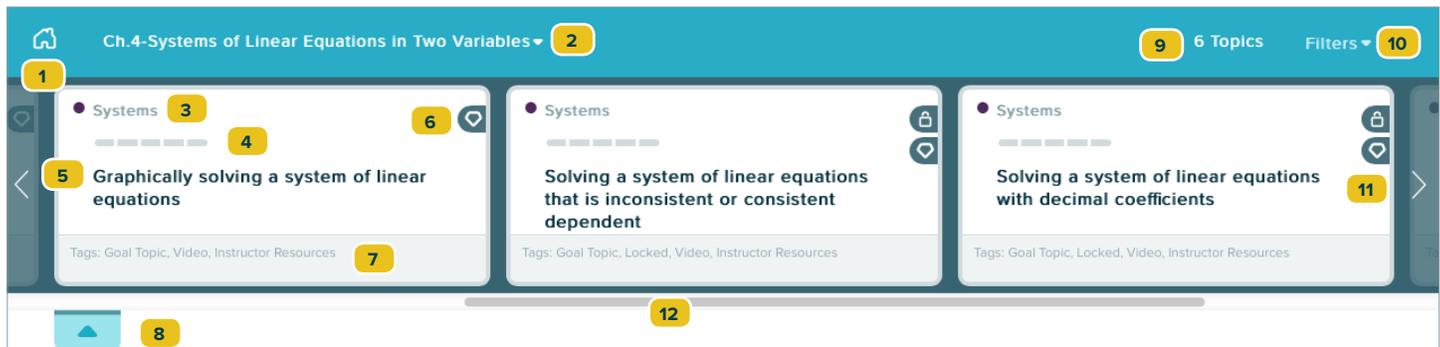
These cards list your easier Ready to Learn topics first. To select a topic, choose a card.

Got It

**QUESTION**

Find the x-intercept and y-intercept of the line.

Below are some key areas of the Topic Carousel with a description of each area. More details about each feature are provided in respective sections in this document.



**1 | Home:** Returns students to the homepage.

**2 | Ready to Learn/Objectives Drop-Down Menu:**

Allows students to see progress in Ready to Learn pie slices or Objectives. It is also used to navigate to other Objectives or pie slices.

**3 | Slice Name.**

**4 | Progress Indicator:** Shows how much progress the student has made on the topic and matches the progress indicator in Learning Mode.

**5 | Topic Name.**

**6 | Topic Icons:** Appear as applicable to display quick information about the topic. Selecting the icon slides it to the left and displays the icon label.



**7 | Tags:** Topics are tagged to display attributes (if any). (e.g., Videos, Instructor Resources, Needs More Practice, Goal Topic).

**8 | Topic Carousel Tab:** Opens/closes the Topic Carousel.

**9 | Number of Topics:** Displays the number of topics that are loaded in the Topic Carousel.

**10 | Topic Carousel Filter:** Opens a filter menu to allow students to sort or filter the Topic Carousel by tags.

**11 | Right Arrow:** Use to scroll through a set of three topics at a time. Tip: Double clicking or tapping on the arrows go to the start/end of the list.

**12 | Scroll:** Use to quickly scroll through topics.

## HOW TO SWITCH TOPICS

Topics can be switched at any time by selecting a new topic card in the [Topic Carousel](#). After selecting a card, a sample problem is available for preview in the bottom half of the window. Students can begin working on the new topic after selecting **Start** from the Learning Page or the Preview (if the Learning Page is not enabled).

Switching topics mid-way through working on a topic will not cause students to lose their work. ALEKS remembers the progress made on the topic and the next time students return to that topic, they can resume where they left off.

## TOPIC CAROUSEL FILTER

The Topic Carousel is useful for filtering specific topics, reordering topics in the carousel, or filtering topics by specific attributes, such as videos, instructor resources, needs more practice, goal topic, etc. Students can also enter words to search for topics by name. Topics are tagged to display attributes (if any). Below is an example of a topic that is tagged with attributes.

**How to Find It:** Go to Learning Mode | Select **Filters** in the upper-right corner

Ch.5-Polynomials and Properties of Exponents ▾ 7 Topics

Exponents  
Simplifying a ratio of multivariate monomials: Basic  
Tags: Goal Topic, Instructor Resources

Exponents  
Simplifying a ratio of univariate monomials  
Tags: Goal Topic, Needs More Practice, Instructor Resources

Filters ▾

Search for topic

Sort by

Easiest Pie Slice

Ready to Learn Review

TAGS

Any Topic (7)

Needs More Practice (2)

Goal Topic (7)

Unlocked (5)

Video (3)

Instructor Resources (7)

Show All Topics Reset

Simplify.

$$\frac{4xy}{32yz}$$

By default, the Topic Carousel is sorted from the easiest to hardest Ready to Learn topics. However, if students prefer to work on Ready to Learn topics by pie slice, they can use the filter to reorder the Topic Carousel by selecting Pie Slice. Note: The sort setting is saved until a change is made, meaning that if the filter default settings are modified, they will remain as such until the student resets or updates the filter or logs out of ALEKS.

Ch.5-Polynomials and Properties of Exponents ▾ 7 Topics

Exponents  
Simplifying a ratio of univariate monomials  
Tags: Goal Topic, Needs More Practice, Instructor Resources

Exponents  
Simplifying a ratio of multivariate monomials: Advanced  
Tags: Goal Topic, Locked, Video, Instructor Resources

Filters ▾

Search for topic

Sort by

Easiest Pie Slice

Ready to Learn Review

TAGS

Any Topic (7)

Needs More Practice (2)

Goal Topic (7)

Unlocked (5)

Video (3)

Instructor Resources (7)

Show All Topics Reset

Simplify.

$$\frac{56v^3}{8v^7}$$

## REVIEW FILTER

By default, the Topic Carousel displays Ready to Learn topics. However, if students want to review and practice previously learned and mastered topics, they can use the filter to load the Topic Carousel with review topics by selecting Review. Topics in the Review Mode are sorted from hardest to easiest.

**How to Find It:** Go to Learning Mode | Select **Filters** | Select **Review**

**Alternate Navigation Route:** Select the Menu in the upper-left corner | Select **Review**

The screenshot shows the ALEKS interface for 'Ch.5-Polynomials and Properties of Exponents'. The 'Filters' menu is open, and the 'Review' button is highlighted with a yellow box. The main content area shows a math problem: 'Multiply.  $4x^5 u^7 \cdot 3x \cdot 2u^2$ . Simplify your answer as much as possible.' Below the problem is an input field and a calculator interface.

## STARTING THE NEXT OBJECTIVE (ONLY FOR CLASSES WITH OBJECTIVES ENABLED)

When the next Objective begins, students are notified by tool tips appearing on the homepage and also in the Topic Carousel. Tool tips are contextual to how instructors have set up their class (e.g. classes using Objectives with End Dates and Open Pie enabled or disabled,

The screenshot shows the ALEKS interface for 'Intermediate Algebra'. The 'UP NEXT' section displays 'Ordering integers' with a 'CONTINUE MY PATH' button. The 'WORKING TOWARD' section shows 'Part 3', '68 of 195 Topics', 'Due: May 15', and 'Ch.3-Graphing Linear Equations in Two Variables', '1 of 9 Topics'. A notification box on the right says: 'Your next Objective has started. If you finish this Objective early, you can go back and work on previous Objectives.' with a 'Got It' button.

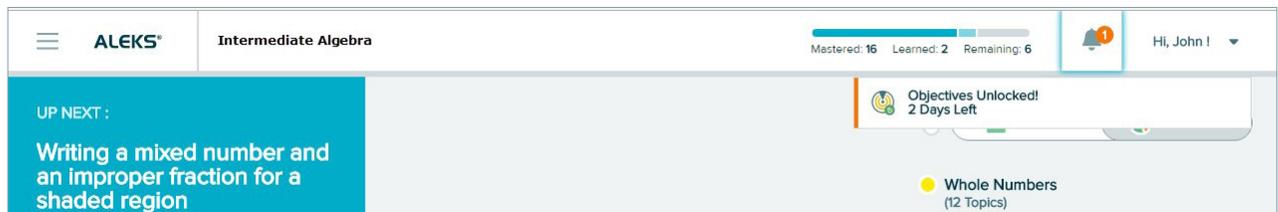
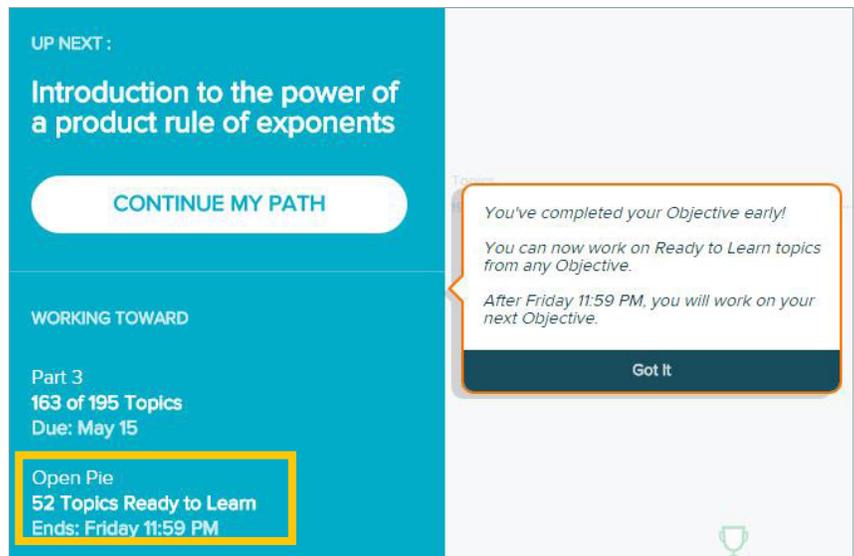
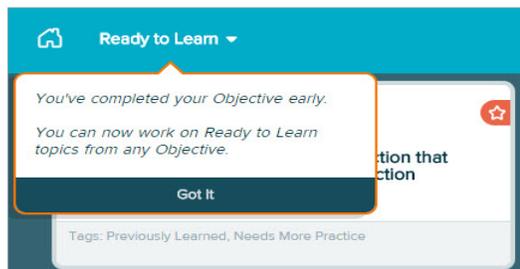
Knowledge Check after every Objective, etc.)

## COMPLETING OBJECTIVES EARLY

The following behavior only applies to classes customized with Objectives with End Dates and Open Pie enabled (default setting). When students complete their current Objective before the scheduled end date, they move into "Open Pie", which unlocks all Ready to Learn topics until the start of the next Objective. During this time, students can return to previous Objectives and work on Ready to Learn topics they did not learn or may have lost during a Knowledge Check or work ahead on Ready to Learn topics from any Objective.

### Open Pie

When students complete Objectives early, they will be informed by quick tips appearing on the homepage or on the Topic Carousel to indicate that they can start working on Ready to Learn topics from any Objective and the date when Open Pie ends, which is the same date that the next Objective begins.



## OBJECTIVES/READY TO LEARN DROP-DOWN MENU

The drop-down menu above the Topic Carousel allows students to see progress in Objectives or Ready to Learn pie slices and also gives students the ability to navigate to other topics.

**How to Find It:** Go to Learning Mode | Select the **Ready to Learn/Objectives** drop-down menu

The examples below describe the behavior of the Objectives drop-down menu for classes using Objectives with End Dates where Open Pie is enabled or disabled, classes using Objectives without End Dates, and classes using no Objectives.

### *Objectives with End Dates and Open Pie Enabled*

When students enter Learning Mode, the topic carousel is loaded with Ready to Learn topics in the current Objective by default. The Objectives drop-down menu conveniently displays the topic breakdown (e.g., goal, prerequisites) for the number of topics that must be learned to complete the current Objective.

Below is an example of the Objectives drop-down to show what it looks like for a student who completes an Objective early.

**Student Working on Chapter 1 (Current Objective)**

Ch.1-Basic Concepts			
1	Ch.1-Basic Concepts (With Objective Completion Knowledge Check)	5 Total	5 0 Remaining Goal Prerequisites
	2	Ch.2-Equations and Inequalities (With Objective Completion Knowledge Check)	7 Total
	Ch.3-Graphs and Functions (With Objective Completion Knowledge Check)	6 Total	
	Ch.4-Systems Of Equations (With Objective Completion Knowledge Check)	10 Total	
	Ch.5-Polynomials And Polynomial Functions (With Objective Completion Knowledge Check)	3 Total	

**Student Completes Chapter 1 Objective Early and Moves into Open Pie**

Ready to Learn			
Ready to Learn		14 Total	
Ch.1-Basic Concepts (With Objective Completion Knowledge Check)		100% Completed	
3	Ch.2-Equations and Inequalities (With Objective Completion Knowledge Check)	3 Ready to Learn	7 Total
	Ch.3-Graphs and Functions (With Objective Completion Knowledge Check)	4 Ready to Learn	6 Total
	Ch.4-Systems Of Equations / Ch.5-Polynomials And Polynomial Functions (With Objective Completion Knowledge Check)	7 Ready to Learn	13 Total
4			

- 1 | This is the current Objective.
- 2 | This is the next Objective, which is locked until the student completes the current Objective or until the end date for the current Objective has passed, whichever is earlier. Completing the current Objective early will move the student to into Open Pie, where all course topics unlock and he or she can work on Ready to Learn topics in any Objective until the next Objective begins.
- 3 | When the student moves into Open Pie, the Objectives drop-down menu displays the Ready to Learn breakdown to show the number of topics that must be learned to complete each Objective.
- 4 | In Open Pie, the student can return to previous Objectives to learn or relearn those topics, and also work ahead on topics in future Objectives.

*Objectives with End Dates and Open Pie Disabled*

**Student Working on Chapter 2 (Current Objective)**

Chapter 2			
	Chapter 1 (With Objective Completion Knowledge Check)	57% Completed	
1	Chapter 2 (With Objective Completion Knowledge Check)	7 Total	1 0 Remaining Goal Prerequisites
2	Chapter 3 (With Objective Completion Knowledge Check)	53 Total	
	Chapter 4 (With Objective Completion Knowledge Check)	41 Total	

**Student Completes Chapter 2 Objective Early and Moves to the Next Objective (Chapter 3)**

Chapter 3			
	Chapter 1 (With Objective Completion Knowledge Check)	57% Completed	
	Chapter 2 (With Objective Completion Knowledge Check)	100% Completed	
3	Chapter 3 (With Objective Completion Knowledge Check)	53 Total	28 0 Remaining Goal Prerequisites
4	Chapter 4 (With Objective Completion Knowledge Check)	41 Total	

- 1 | This is the current Objective.
- 2 | This is the next Objective, which is locked until the student completes the current Objective or until the end date for the current Objective has passed, whichever is earlier. Completing the current Objective early will move the student to the next Objective.
- 3 | When the student moves to the next Objective, the Objectives drop-down menu displays the breakdown to show the number of topics that must be learned to complete the Chapter 3 Objective.
- 4 | The future Objective remains locked until the student completes the Chapter 3 Objective or until the end date for the Chapter 3 Objective has passed, whichever is earlier.

### Objectives without End Dates

When students enter Learning Mode, the topic carousel is loaded with Ready to Learn topics in the current Objective by default. The Objectives drop-down menu conveniently displays the topic breakdown for the number of topics that must be learned to complete the current Objective. Future Objectives are locked. However, completing the current Objective with the minimum progress level requirement that the instructor set in the ALEKS Instructor Module will unlock the next Objective. The student can also return to previous Objectives to learn or relearn those topics.

Student Working on Chapter 1 (Current Objective)

Ch.1-Basic Concepts			
1	Ch.1-Basic Concepts (Current) (With Objective Completion Knowledge Check)	5 Total	5 Goal
2	Ch.2-Equations and Inequalities (With Objective Completion Knowledge Check)	7 Total	0 Prerequisites
	Ch.3-Graphs and Functions (With Objective Completion Knowledge Check)	6 Total	
	Ch.4-Systems Of Equations (With Objective Completion Knowledge Check)	10 Total	
	Ch.5-Polynomials And Polynomial Functions (With Objective Completion Knowledge Check)	3 Total	

Student Completes Chapter 1 Objective Early and Moves to the Next Objective (Chapter 2)

Ch.2-Equations and Inequalities			
3	Ch.1-Basic Concepts (Current) (With Objective Completion Knowledge Check)	7 Total	6 Goal
4	Ch.2-Equations and Inequalities (With Objective Completion Knowledge Check)	7 Total	0 Prerequisites
5	Ch.3-Graphs and Functions (With Objective Completion Knowledge Check)	6 Total	
	Ch.4-Systems Of Equations (With Objective Completion Knowledge Check)	10 Total	
	Ch.5-Polynomials And Polynomial Functions (With Objective Completion Knowledge Check)	3 Total	

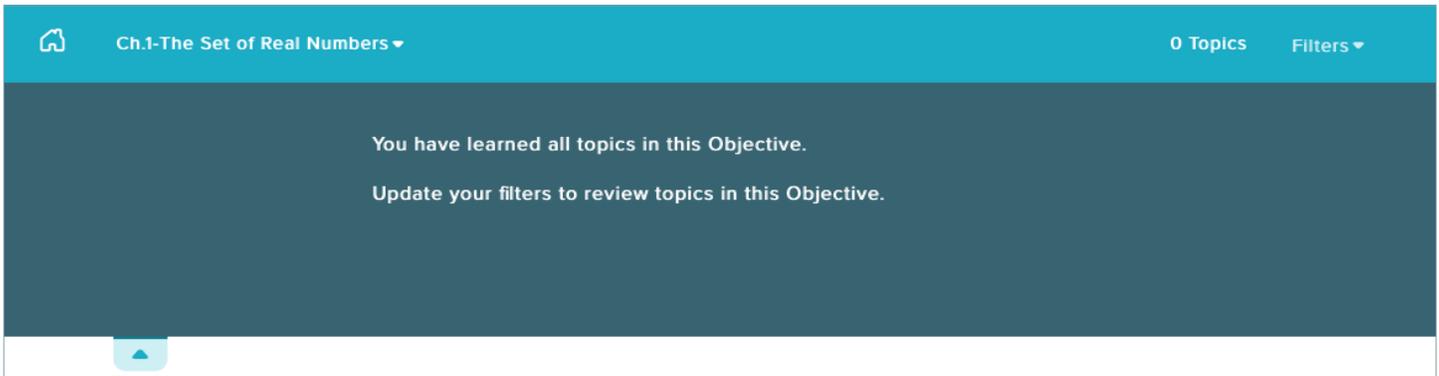
- 1 | This is the current Objective.
- 2 | This is the next Objective, which is locked until the student completes the current Objective with the minimum progress level requirement.
- 3 | When the student moves to the next Objective, the Objectives drop-down menu displays the breakdown to show the number of topics that must be learned to complete the Chapter 2 Objective.
- 4 | The student can return to the previous Objective to learn or relearn those topics.
- 5 | The future Objective remains locked until the Chapter 2 minimum progress level requirement is met.

### No Objectives

When students enter Learning Mode, the Topic Carousel is loaded with Ready to Learn topics across all pie slices. The Ready to Learn drop-down menu displays the breakdown for the number of topics that have been Learned vs. Ready to Learn in each slice. Students can switch to other Ready to Learn topics in specific pie slices by selecting a new slice in the drop-down.

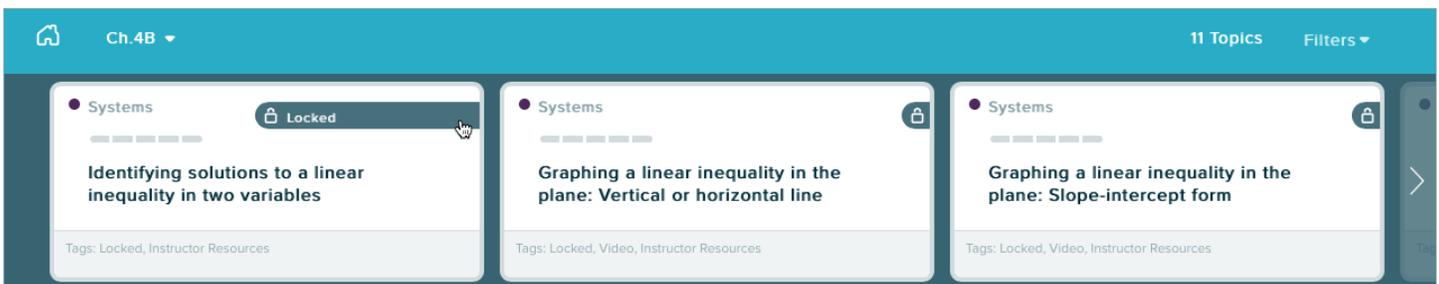
Ready to Learn			
	Ready to Learn	151 Total	
	Real Numbers	0 Learned	7 Ready to Learn
	Linear Equations and Inequalities	3 Learned	16 Ready to Learn
	Lines and Functions	2 Learned	20 Ready to Learn
	Systems of Linear Equations	0 Learned	12 Ready to Learn
	Exponents and Polynomials	1 Learned	14 Ready to Learn

After students learn all topics in an Objective, the Topic Carousel will be empty. Students can select another Objective to work on from the Objectives drop-down menu, or use the review filter to practice previously learned and mastered topics in the selected Objective.



## LOCKED TOPICS

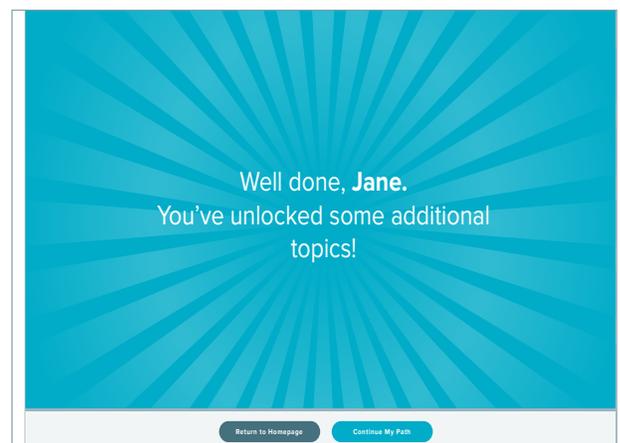
Some topics that appear in the Learning Carousel may be locked. This occurs when there are topics that the student is not Ready to Learn yet. These topics cannot be accessed by the student until necessary prerequisite topics are learned. A lock icon (🔒) appears in the topic card to distinguish the topics that cannot be accessed.



Selecting a card that is locked displays the following message when there are prerequisites that the student must learn first:

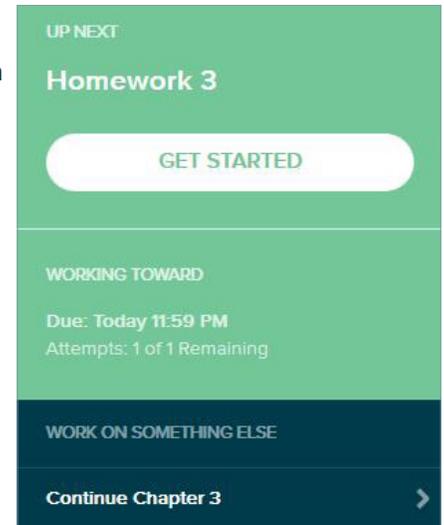


Students receive an onscreen celebratory message when they unlock topics:

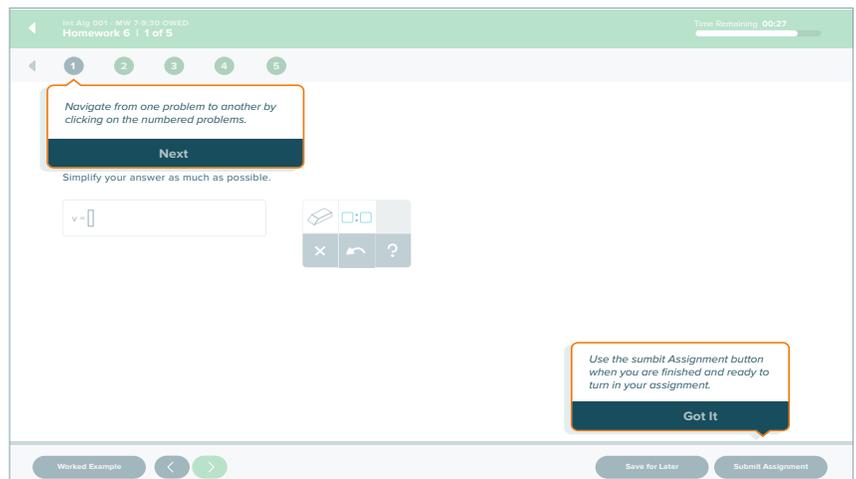


# ASSIGNMENTS

If instructors created assignments for their class (e.g. homework, tests, quizzes, and requested Knowledge Checks etc.), students can start or continue [assignments](#) from the Primary Guidance Menu as they become available to work on.

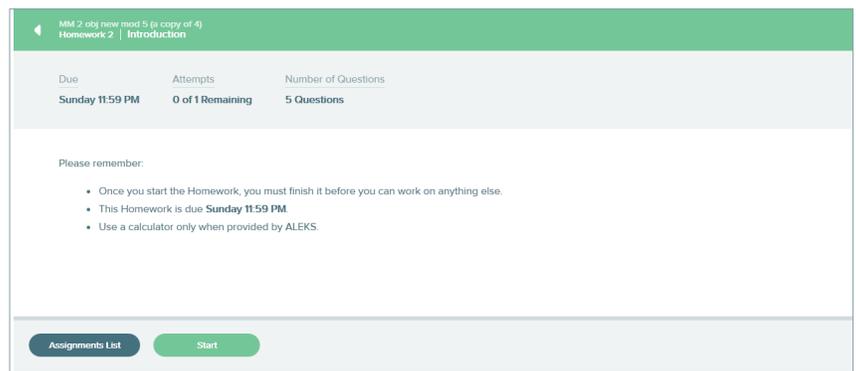


ALEKS offers quick tips when students encounter an assignment for the first time.



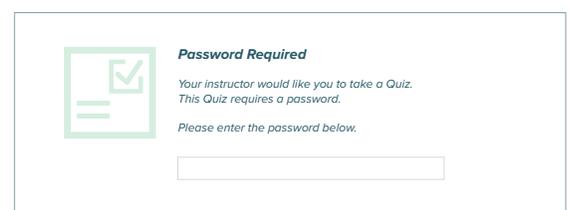
## ASSIGNMENT INTRODUCTION PAGES

Before beginning an assignment, students see an introduction that displays the details of the assignment such as due dates, the number of attempts possible, the number of questions on the assignment, and how much time is allotted for the assignment (if applicable).



## PASSWORD PROTECTED ASSIGNMENTS

When passwords are required to start the assignment, students will be prompted to enter the password in the provided input box.



## SUBMITTING ASSIGNMENTS

After students submit their assignment, they receive a confirmation screen with their score.

Due	Attempts	Number of Questions
Sunday 11:59 PM	0 of 1 Remaining	5 Questions

Please remember:

- Once you start the Homework, you must finish it before you can work on anything else.
- This Homework is due **Sunday 11:59 PM**.
- Use a calculator only when provided by ALEKS.

Assignments List Start

## ASSIGNMENT DETAILS

Students can view all current, upcoming, and past assignments, including homework, tests, quizzes, and scheduled Knowledge Checks conveniently from the [Assignments](#) feature that is also accessible from the menu.

**How to Find It:** Select the menu in the upper-left corner | Select Assignments

## ASSIGNMENT REPORTS

There are three ways students can view their assignment report to see how they performed on an assignment: The [Assignment confirmation page](#), the [Assignment List](#), and from the Assignments tile on Report page.

### *Assignment Confirmation Page*

After submitting an assignment, students can go directly to the assignment report by selecting the **Report** button.

**How to Find It:** After submitting an assignment, select **Report** from the confirmation page.

Attempts	Score	Assignment Submitted	Time Spent
0 of 1 Remaining	100%	Today 2:21 PM	4m 55s

**Assignment Submitted**

You submitted Homework 2 Today 2:21 PM.  
Your score is 100%. View your report for details.

Below is an example of a homework report.

Intermediate Algebra  
Homework 5 Report

Due: Feb 28 | Score: 80% (Your Best Score) | Attempts: Attempt 1 (80%) | Assignment Submitted: Today 1:21 PM | Time Spent: 3m 41s

Progress: 1 (2) (3) (4) (5)

**Correct**

Correct answer:  
 $154 \text{ cm}^2$

Find the **area** of this **parallelogram**. Be sure to include the correct unit in your answer.

**Your answer:**  
 $154 \text{ cm}^2$

Buttons: Assignments List, Explanation

### Viewing Reports from the Assignments Tile/Assignment List

**How to Find It:** Select the menu in the upper-left corner | Select **Reports** | Select **View Detail** from the Assignments tile

**Alternate Navigation Route:** Select the menu in the upper-left corner | Select **Assignments** | Locate the assignment name | Select **percentage** under the Grade column

Assignments

- Part 4 Due: Sunday 11:59 PM
- Topic - 9 Due: Sunday 11:59 PM
- Time - 8 Due: Sunday 11:59 PM
- Part 5 Due: Jun 15
- Part 6 **View Detail**

Assignments

Name	Type	Start	Due	Score	Details
Homework 5	Homework	05/06/2015 4:39 PM	05/13/2015 11:59 PM	0% Best	Assignment was not taken
Homework 4	Homework	05/04/2015 4:38 PM	05/06/2015 11:59 PM	100% Best	0 of 1 Remaining
Homework 6	Homework	05/05/2015 2:07 PM	05/05/2015 1:59 PM	100% Best	0 of 1 Remaining

Ch 4 HW

Int Alg 001 - MW 7-9:30  
Homework 4 Report

Due: May 6 11:59 PM | Score: 100% (Your Best Score) | Attempts: Attempt 1 (100%) | Submitted: May 6 8:19 AM | Time Spent: 0m 21s

Progress: 1 (2) (3) (4) (5)

**Correct**

Write  $3\frac{4}{5}$  as an improper fraction.

**Your answer:**

$$\frac{19}{5}$$

Buttons: Assignments List, Explanation

# KNOWLEDGE CHECK

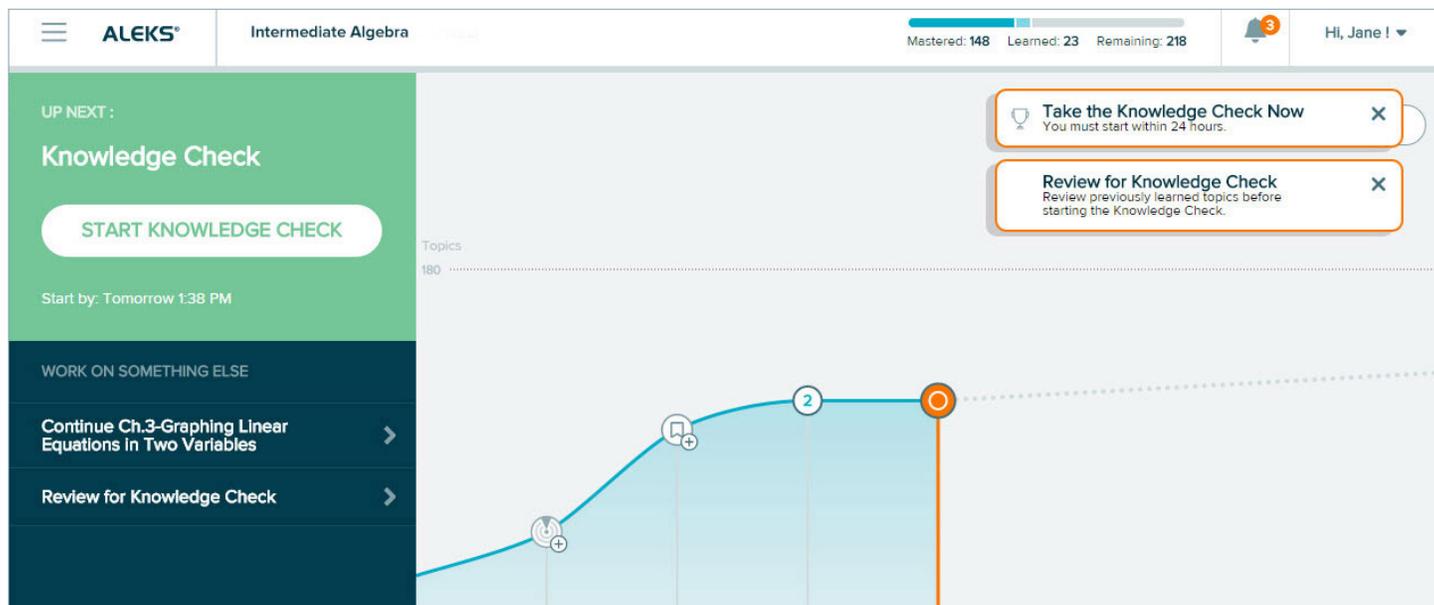
ALEKS periodically prompts students to take progress Knowledge Checks to monitor learning retention and to confirm mastery of topics learned. Depending on the setup of your ALEKS class, the timing of Knowledge Checks will vary. For example, a Knowledge Check may occur when enough progress has been made in Learning Mode (generally, after learning 20 topics and spending five hours in ALEKS) or after a student has completed an Objective.

## NEXT KNOWLEDGE CHECK INDICATOR AND NOTIFICATION

The Knowledge Check indicator is always available and located on the homepage. This indicator allows students to check when their next Knowledge Check will occur so that they are not surprised and they have time to prepare for it. Selecting the icon (  ) expands the box and displays information about the Knowledge Check, including the number of topics that must be completed and the time spent in ALEKS before a Knowledge Check triggers.



When it is time for a Knowledge Check, a notification appears on the homepage. Students have up to 24 hours to start the Knowledge Check (unless the default time is changed by their instructor in the ALEKS Instructor Module). During the 24 hours, students can work on other goals, start the Knowledge Check, or review previously learned and mastered topics. To prepare for the Knowledge Check, students are notified that they can review previously learned topics.



# REVIEW FOR KNOWLEDGE CHECK

Students can optionally review previously learned topics in the Learning Mode by selecting on the notification displayed on the homepage or through the Review for Knowledge Check link on the Primary Guidance Menu.

The screenshot shows the ALEKS interface for 'Intermediate Algebra'. At the top, it displays 'Mastered: 148', 'Learned: 23', and 'Remaining: 218'. A notification box says 'Take the Knowledge Check Now' with a 24-hour timer. Below it, another notification says 'Review for Knowledge Check' with a sub-message: 'Review previously learned topics before starting the Knowledge Check.' The main area features a 'Knowledge Check' section with a 'START KNOWLEDGE CHECK' button and a 'Start by: Tomorrow 1:38 PM' indicator. A 'WORK ON SOMETHING ELSE' section includes 'Continue Ch.3-Graphing Linear Equations In Two Variables' and a highlighted 'Review for Knowledge Check' button. A progress bar at the bottom shows a path through topics, with the 'Review for Knowledge Check' button highlighted.

In Review Mode, students will begin working on previously learned topics.

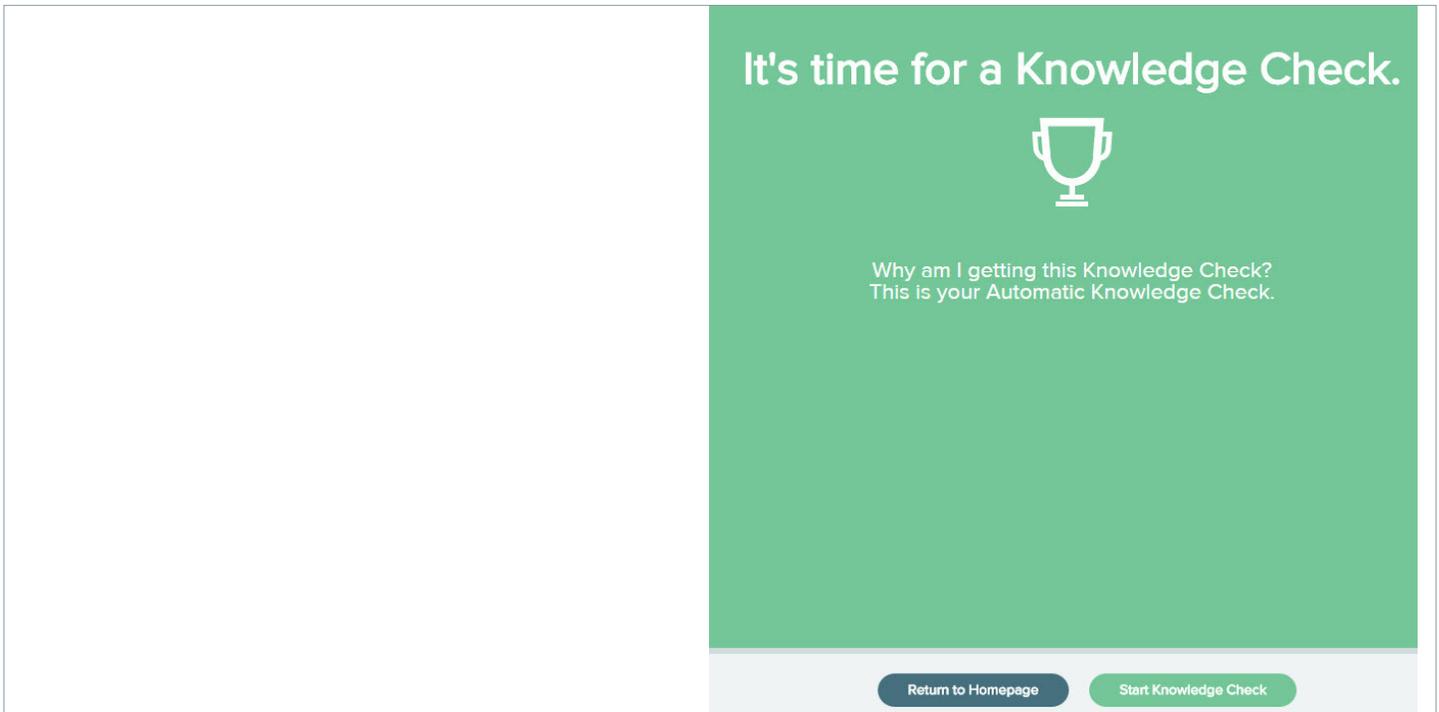
The screenshot shows the 'Review' mode for the topic 'Converting a decimal to a mixed number and an improper fraction in simplest form'. The instruction is: 'Write 1.75 as a mixed number and as an improper fraction. Write your answers in simplest form.' There are two input fields: 'mixed number:

## STARTING A KNOWLEDGE CHECK

Students can begin a Knowledge Check from the Primary Guidance Menu by selecting on **START KNOWLEDGE CHECK**.

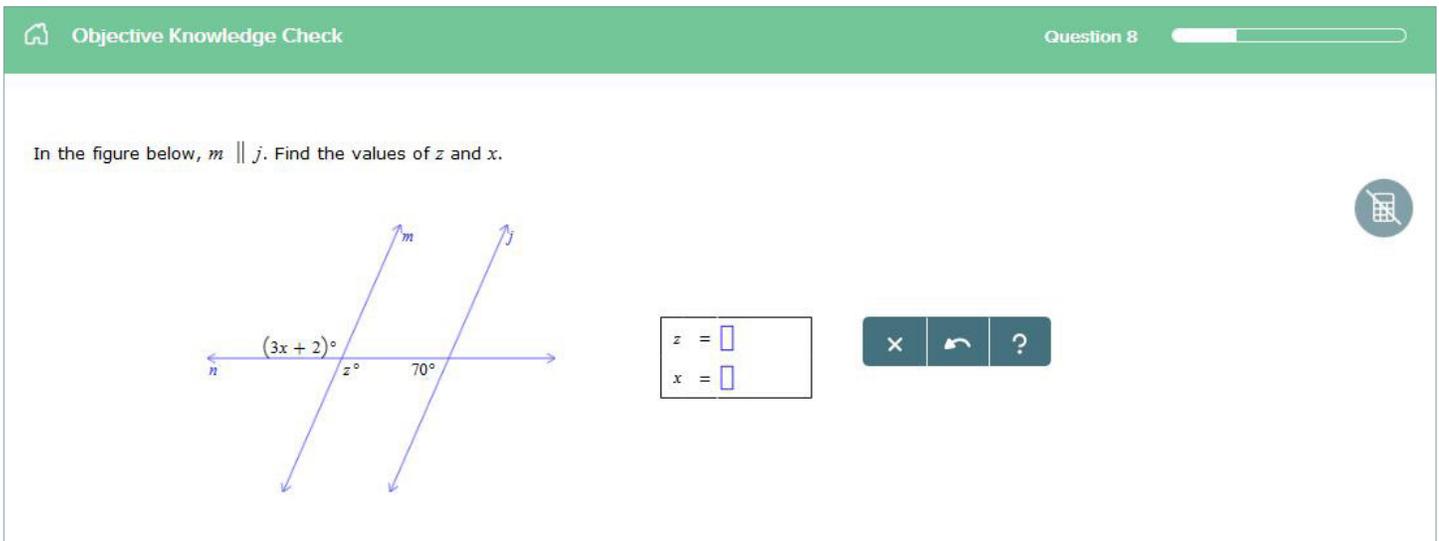
The screenshot shows the Primary Guidance Menu. The 'UP NEXT' section features 'Scheduled Assessment 1' with a 'START KNOWLEDGE CHECK' button. The 'WORKING TOWARD' section shows 'Due: Today 11:59 PM'. The 'WORK ON SOMETHING ELSE' section includes 'Continue Chapter 3' with a right arrow.

If students are prompted while working in Learning Mode, they can start the Knowledge Check through the **Start Knowledge Check** button.



The image shows a notification screen for a Knowledge Check. The background is green. At the top, it says "It's time for a Knowledge Check." with a trophy icon. Below that, it asks "Why am I getting this Knowledge Check?" and answers "This is your Automatic Knowledge Check." At the bottom, there are two buttons: "Return to Homepage" and "Start Knowledge Check".

Below is an example of a problem in a Knowledge Check.



The image shows a screenshot of an "Objective Knowledge Check" interface. The title bar says "Objective Knowledge Check" and "Question 8". The problem text is: "In the figure below,  $m \parallel j$ . Find the values of  $z$  and  $x$ ." Below the text is a diagram showing two parallel lines,  $m$  and  $j$ , intersected by a transversal line  $n$ . The top-left angle is labeled  $(3x + 2)^\circ$ , the bottom-left angle is  $z^\circ$ , and the bottom-right angle is  $70^\circ$ . To the right of the diagram are input boxes for  $z =$  and  $x =$ , and a control panel with buttons for "X", "undo", and "?".

### TOPICS LOST IN KNOWLEDGE CHECK

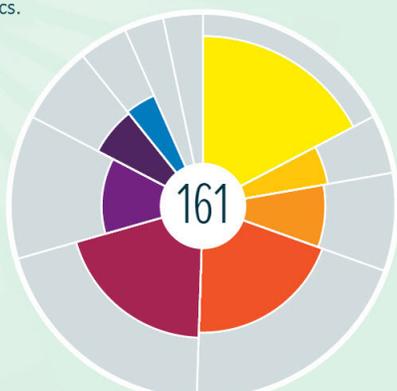
After completing a Knowledge Check, students may gain or lose topics from their mastery count. This is normal as the Knowledge Check is meant to ensure learning retention, and students do not retain everything they learn. The topics in the ALEKS Pie are updated after a Knowledge Check to show the student's current knowledge state. The topics lost in Knowledge Check are tagged as **Needs More Practice**. In general, ALEKS will automatically queue up these topics in the beginning of the [Topic Carousel](#) to help students quickly relearn them.

You didn't master any more topics.  
You need to revisit 10 topics.



Nice job, Jane!  
You mastered 4 topics!

You need to revisit 10 topics.



### REVIEW TOPICS LOST IN KNOWLEDGE CHECK (NEEDS MORE PRACTICE)

#### Needs More Practice Filter

If students want to practice the topics that were lost in a Knowledge Check, they can use the Needs More Practice filter in Learning Mode.

**How to Find It:** From the Topic Carousel, select **Filters** | Select **Needs More Practice**

Ch.5-Polynomials and Properties of Exponents 2 Topics

Real Numbers and Algebraic Expressions Exponents

Exponents and integers: Problem type 2 Simplifying a ratio of univariate monomials

Tags: Goal Topic, Needs More Practice, Video, Instructor Resources

Tags: Goal Topic, Needs More Practice, Instructor Resources

Filters

Search for topic

Sort by

Easiest Pie Slice

Ready to Learn Review

TAGS

Any Topic (7)

Needs More Practice (2)

Goal Topic (7)

Unlocked (5)

Video (3)

Instructor Resources (7)

The diameter,  $D$ , of a sphere is 9.2 cm. Calculate the sphere's volume,  $V$ .

Use the value 3.14 for  $\pi$ , and round your answer to the nearest tenth. (Do not round any intermediate computations.)

### Needs More Practice Sample Problems

From their Reports dashboard, students can view the Needs More Practice tile to see the topics they need more practice on. Selecting a topic displays a pop-up with a sample of the problem.

**How to Find It:** Select the menu in the upper-left corner | Select **Reports** | Locate the Needs More Practice tile



#### Finding outputs of a one-step function that models a real-world situation: Function notation



#### ? SAMPLE QUESTION

Henry tutors chemistry. For each hour that he tutors, he earns 20 dollars. His earnings,  $E$  (in dollars), after tutoring for  $h$  hours is given by the following function.

$$E(h) = 20h$$

How much does Henry earn if he tutors for 2 hours?

## CELEBRATION PAGES

When students complete milestones such as Topic and Objective goals, ALEKS acknowledges their accomplishments by displaying congratulatory messages. Feedback is given to highlight all the topics the student has learned and how much progress was made toward the goal. ALEKS also tracks how close they are to reaching their next goal.

Below are some examples of various celebration pages:

### Topic Goal

You are **4 Topics** away from reaching your **Topic Goal!**

Time Goal: 2h:14m  
Topic Goal: 4  
Objective: 10

Return to Homepage | Continue My Path

### Objective Goal

**CONGRATS**

Nice work, **Jane!**  
You reached your **Objective Goal!**

**9**  
Topics Completed

Return to Homepage | Continue My Path

**CONGRATS**

Nice work, **Jane!**  
You reached your time Goal!

# 5h:30m

Completed

[Return to Homepage](#) [Continue My Path](#)

# CERTIFICATES OF ACHIEVEMENT

When students complete milestones, they receive congratulatory onscreen completion messages or certificates. At certain milestones, instructors can set Student Activity Notification Options in their ALEKS Instructor Module to trigger certificates of achievement for when students complete Objectives or Knowledge Checks or when they reach 80%, 85%, 90%, or 95% completion in the class.

## Class Completion Certificate

Students receive this message automatically in their Message Center when they have completed 100% of the class syllabus. They have the option to print their certificate by selecting the provided link.

The screenshot shows a web-based Message Center interface. At the top, there are buttons for 'COMPOSE', 'DELETE', and 'More actions...'. A search bar is also present. Below the navigation, a list of messages is shown in a table with columns for 'Subject', 'From', and 'Date'. The selected message is 'Goal Completion - Print Certificate' from 'ALEKS Corporation' dated '05/08/2015 12:45:55...'. The email content includes the ALEKS logo, a congratulatory message to Jane Doe for mastering 100 of Intermediate Algebra, a 'Print Your Certificate' button, and contact information for ALEKS Customer Support.



## Objective Completion Certificate

This is an optional message that students receive in their Message Center if instructors check the setting in the Instructor Module. Each time students complete 100% of the current Objective, they will receive the message below with an option to print the completion certificate using the provided link.

Message Center

COMPOSE DELETE More actions... Search

Messages 1-4 of 4 in Inbox

	Subject	From	Date
<input checked="" type="checkbox"/>	Objective Completion (Ch.3B)	ALEKS Corporation	05/07/2015 10:32:51...
<input type="checkbox"/>	Test on Friday	Pham	05/05/2015 03:05:51...
<input type="checkbox"/>	Welcome to Intermediate Algebra	Pham	05/05/2015 02:02:2...
<input type="checkbox"/>		ALEKS Corporation	05/01/2015 04:08:52...

**Objective Completion (Ch.3B)**

ALEKS Corporation 05/07/2015 10:32:51 AM PDT

**Congratulations, Jane Doe!**  
You have completed your objective **Ch.3B**.

**Keep up the great work!**

[Print Your Certificate](#)

For questions, please contact ALEKS Customer Support at <http://support.aleks.com>

Thank you,  
ALEKS Corporation

ALEKS is a registered trademark of ALEKS Corporation. This message was automatically generated by the ALEKS system.

This message (including any attachments) may contain information that is private, confidential, attorney-client privileged, or otherwise legally protected from disclosure. If you have received this e-mail in error, please delete it from your system without copying it and notify the sender by reply e-mail so that our records can be corrected.



## Knowledge Check Certificate

This is an optional message that students receive in their Message Center if instructors check the setting in the Instructor Module. Each time students complete a Knowledge Check at a specific percentage indicated by the instructor (80%, 85%, 90%, or 95% of the class syllabus) they will receive the message below with an option to print the completion certificate using the provided link.

The screenshot shows a web-based Message Center interface. At the top, there are buttons for 'COMPOSE', 'DELETE', and 'More actions...'. A search bar is on the right. Below these are navigation links for 'INBOX(1)', 'SENT', 'DRAFT', and 'TRASH(3)'. A table of messages is displayed, with the first message selected: 'Goal Completion - Print Certificate' from 'ALEKS Corporation' dated '05/08/2015 11:51:04...'. The email content includes the ALEKS logo, a congratulatory message to Jane Doe for mastering 95% of Intermediate Algebra, a 'Print Your Certificate' button, and contact information for ALEKS Customer Support.

Subject	From	Date
Goal Completion - Print Certificate	ALEKS Corporation	05/08/2015 11:51:04...
Objective Completion (Ch.3B)	ALEKS Corporation	05/07/2015 10:10:4...
Test on Friday	Pham	05/05/2015 03:05:5...

**Goal Completion - Print Certificate**  
ALEKS Corporation 05/08/2015 11:51:04 AM PDT

**ALEKS®**

**Congratulations, Jane Doe!**  
Your most recent ALEKS Knowledge Check shows that you have mastered 95% of **Intermediate Algebra**.

**Keep up the great work!**

[Print Your Certificate](#)

For questions, please contact ALEKS Customer Support at <http://support.aleks.com>

Thank you,  
ALEKS Corporation

ALEKS is a registered trademark of ALEKS Corporation. This message was automatically generated by the ALEKS system.

This message (including any attachments) may contain information that is private, confidential, attorney-client privileged, or otherwise legally protected from disclosure. If you have received this e-mail in error, please delete it from your system without copying it and notify the sender by reply e-mail so that our records can be corrected.



Students receive an onscreen message when they complete QuickTables, which they can print.

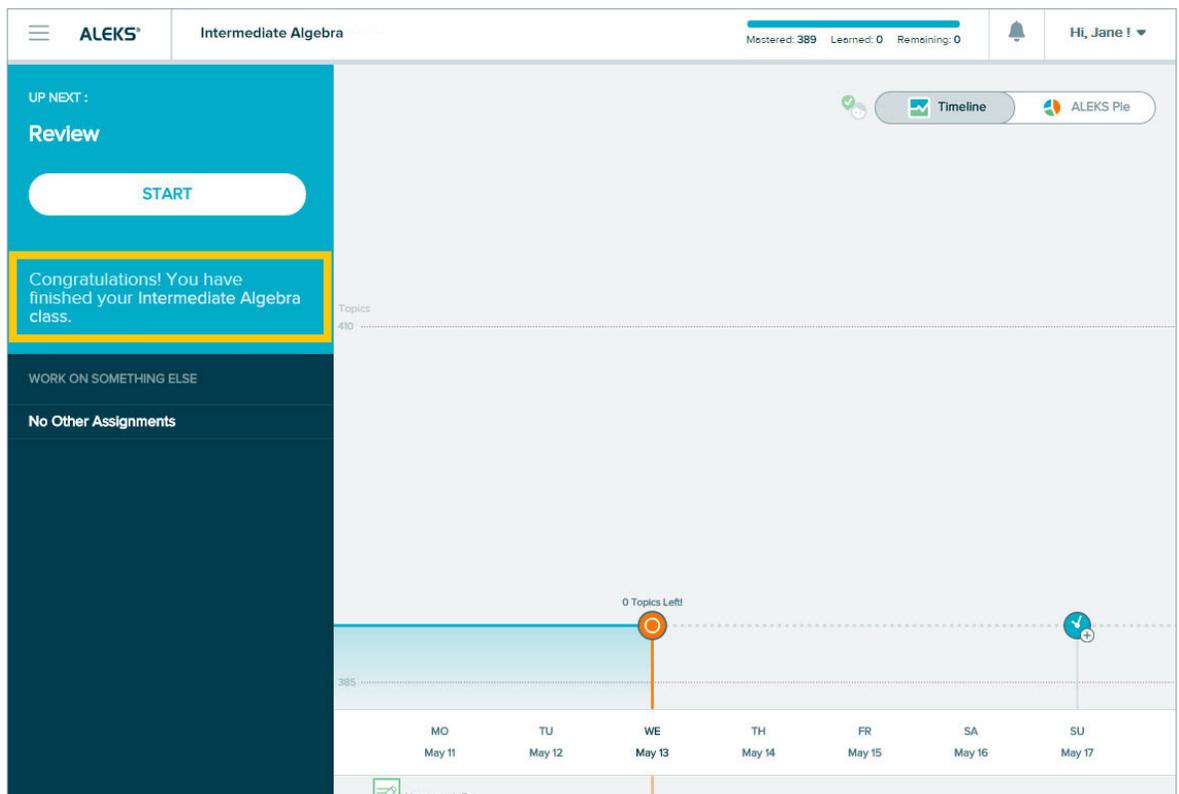


# CLASS COMPLETION

After students learn all topics in the class and complete a final Knowledge Check, their ALEKS Pie will be completely filled in.



The homepage shows that all topics have been mastered and displays a congratulatory message to indicate that the student has completed the class. From the homepage, the student can choose to review mastered topics.



## ACCESSIBILITY

Students enrolled in a class with accessibility, will for the most part, function the same way compared to an ALEKS class without accessibility. However, there are some differences explained below.

For example, features that are not yet accessible in the New Student Module have been removed (e.g., ALEKS Calculator, Dictionary, Calendar, Class Form, etc). The features that have been removed are typically found in the navigation menu of the student interface, as well as the Learning Pages and practice problems of topics.

### Navigation Menu in an Accessible Class    Navigation Menu in a Non-Accessible Class

Home
Learn
Review
Assignments
Gradebook
Reports
Manage My Classes

Home
Learn
Review
Assignments
Worksheet
Calendar
Gradebook
Reports
Message Center
Class Forum
Instructor Resources
Dictionary
QuickTables
Manage My Classes



**Note:** If a student is enrolled in an ALEKS class with accessibility, the student could have both accessible and non-accessible topics in the ALEKS Pie (depending on which topics were excluded or included by the instructor during the class setup). When the student arrives at a non-accessible topic, she will be prompted to seek sighted assistance.

STATISTICS AND PROBABILITY  
Constructing a line plot

Learning Page

Sighted Assistance Needed

QUESTION

Draw the line plot for these numbers.

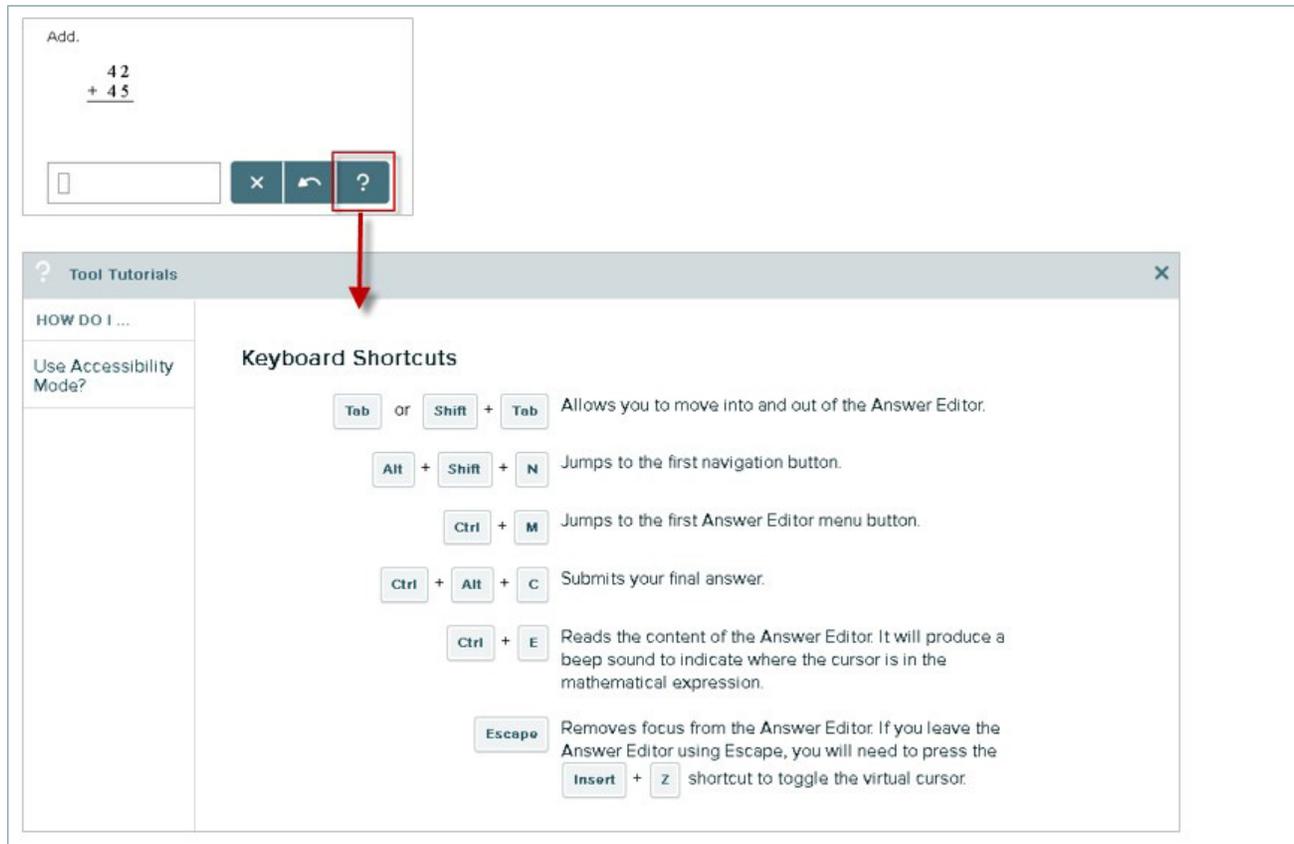
7, 7, 1, 1, 1, 1, 7, 5, 7, 4, 1

## ALEKS KEYBOARD SHORTCUTS

ALEKS keyboard shortcuts are available to assist students with ALEKS specific actions. These ALEKS keyboard shortcuts along with common JAWS shortcuts can be found on the Help page.

**How to Find It:** Select the ? icon in the toolbox

**Alternate Navigation:** Open the list beside the account name in the upper-right corner by selecting on the grey arrow | Select **Help**



## HIGH CONTRAST AND GRAYSCALE COLOR SETTINGS

There are two color settings that can be enabled for all ALEKS course products supported in the New Student Module. These settings are available to all students from their account settings, regardless if accessibility settings have been enabled for the class or student.

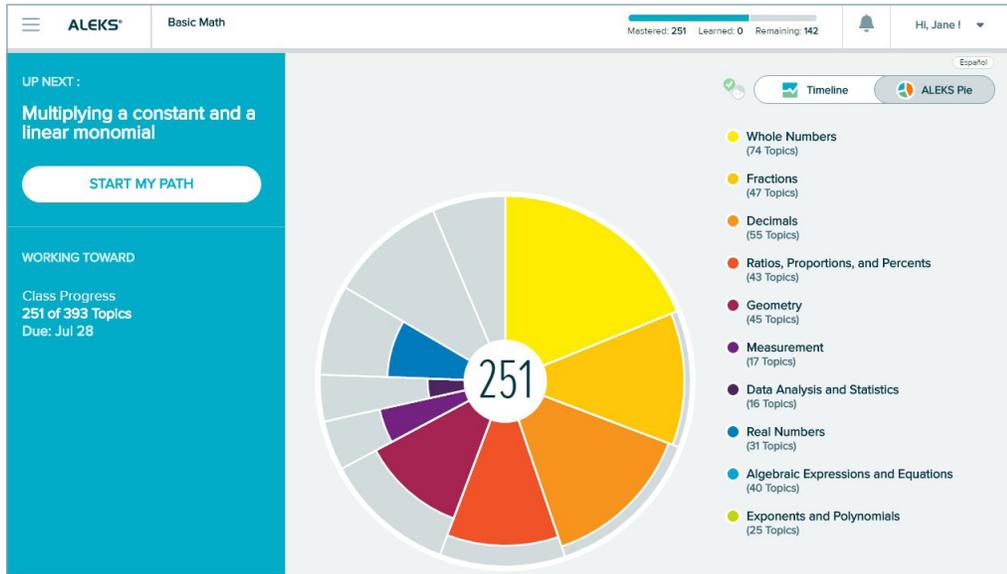
- 1 | Increase Contrast:** Changes the screen to use high contrast colors (e.g., green, blue, white) to conform with specific ratios specified by WCAG AA.
- 2 | Grayscale:** Changes objects on the screen to shades of gray, black, and white. The grayscale display setting is an alternate high contrast / low contrast setting for accessibility. The grayscale display setting works on all supported browsers except Internet Explorer 11.



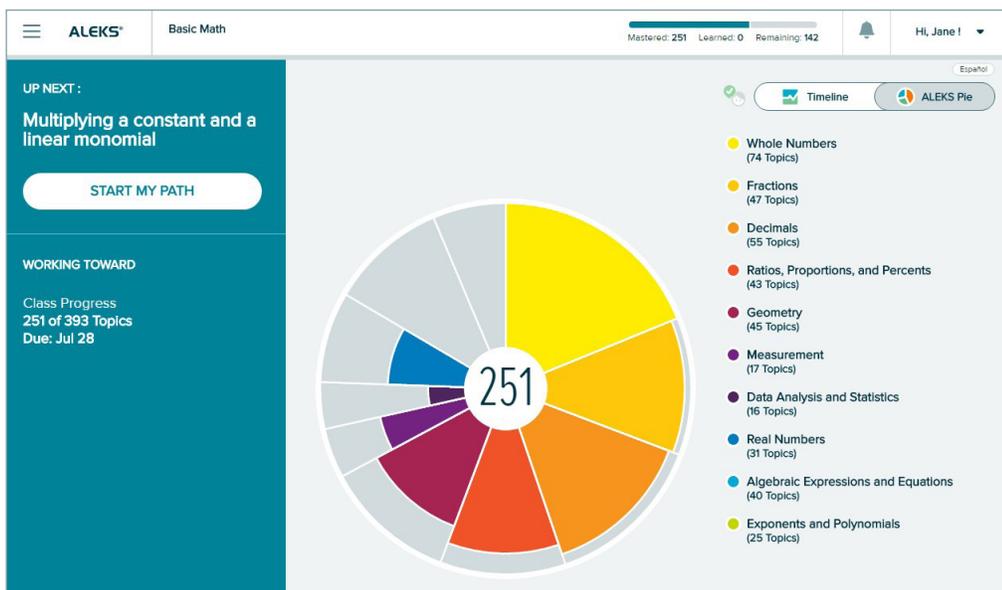
## Increase Contrast

Below are examples of what the screen looks like when the High Contrast color setting is off (**default setting**) vs. on.

### Off



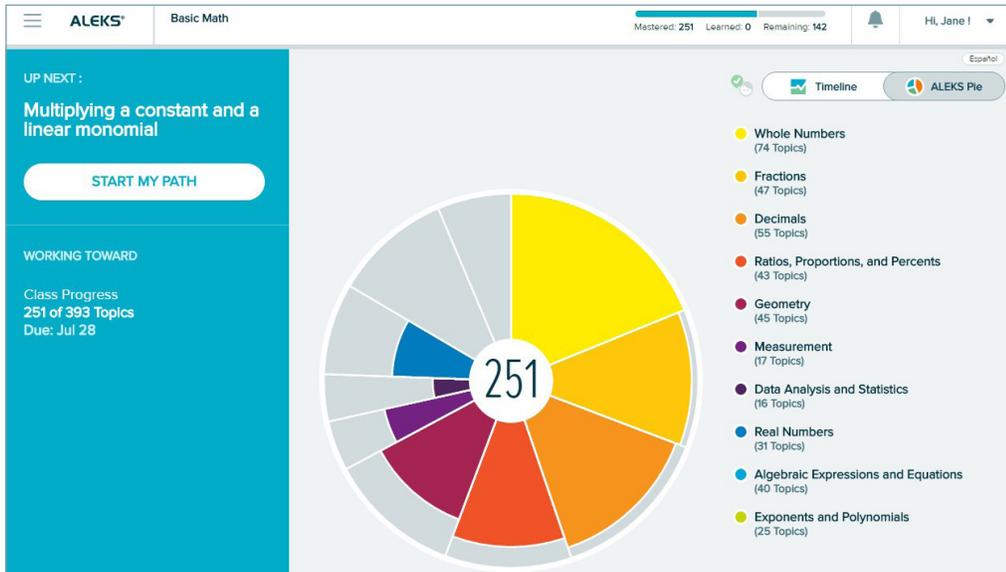
### On



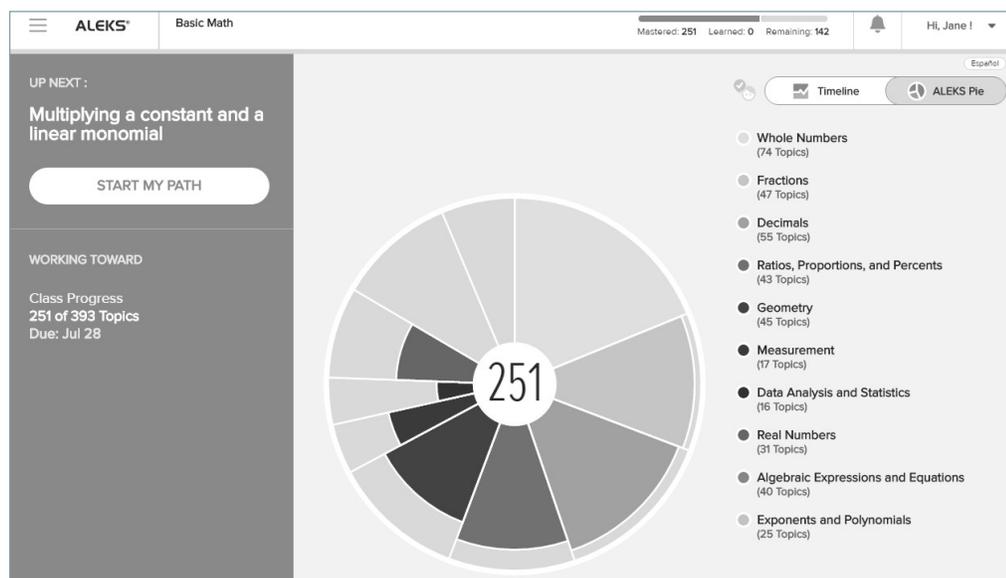
## Grayscale

Below are examples of what the screen looks like when the Grayscale color setting is off (**default setting**) vs. on.

### Off



### On





**ALEKS<sup>®</sup>**

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