

Objective View of the ALEKS Pie

A new checkbox has been added to the bottom of the “Objectives Editor” page in the Instructor Module. Checking this box enables students in the class to change their view from the full ALEKS Pie view to the new Objective Pie view. This new view can help students focus their attention on goal topics needed for the current Objective.

Instructor Module

The checkbox is unchecked by default for all existing classes; instructors must check this box in order to add the Objective Pie view to existing classes. For new classes, the box will be checked by default.

Textbook Integration
Textbook^(*) in use: Miller/O'Neill/Hyde: Basic College Mathematics, 2nd Ed. (McGraw-Hill, Paperback) - ALEKS 360
[Switch to Objectives without End Dates](#)

Include	Objective	Start Date	End Date
<input checked="" type="checkbox"/>	Ch.1-Whole Numbers	01/30/2013	02/19/2013
<input checked="" type="checkbox"/>	Ch.2-Fractions and Mixed Numbers: Multiplication and Division	02/20/2013	03/07/2013
<input checked="" type="checkbox"/>	Ch.3-Fractions and Mixed Numbers: Addition and Subtraction	03/08/2013	03/14/2013
<input checked="" type="checkbox"/>	Ch.4-Decimals	03/15/2013	03/21/2013
<input checked="" type="checkbox"/>	Ch.5-Ratio and Proportion	03/22/2013	03/28/2013
<input checked="" type="checkbox"/>	Ch.6-Percents	03/29/2013	03/29/2013
<input checked="" type="checkbox"/>	Ch.7-Measurement	03/30/2013	04/03/2013
<input checked="" type="checkbox"/>	Ch.8-Geometry	04/04/2013	04/10/2013
<input checked="" type="checkbox"/>	Ch.9-Introduction to Statistics	04/11/2013	04/18/2013
<input checked="" type="checkbox"/>	Ch.10-Real Numbers	04/19/2013	04/26/2013
<input checked="" type="checkbox"/>	Ch.11-Solving Equations	04/27/2013	05/03/2013
<input checked="" type="checkbox"/>	Additional Topics Appendix	05/04/2013	05/10/2013
<input checked="" type="checkbox"/>	Supplemental Topics on Exponents and Polynomials (not in textbook)	05/11/2013	05/17/2013
<input type="checkbox"/>	Supplemental Topics on Graphing (not in textbook)		

How to use this tool:

Step 1: Uncheck the "Include" box to remove Objectives you want to exclude.

Step 2 (optional): You can also make Custom Objectives to split chapters or to combine material across multiple chapters. To create these Objectives, click on the "Create a New Custom Objective" button as necessary.

Step 3: Drag and drop your Objectives so they are in the order in which your students should take them – the first Objective at the top and the last Objective at the bottom.

Step 4: Select the end dates. Objectives are due by 11:59pm on the end date.

ALEKS will automatically assign a start date for each Objective to follow the previous Objective's end date.

Create a New Custom Objective
(Use this tool to split chapters or to combine material across multiple chapters.)

When students complete an Objective assignment *before* the scheduled End Date, they can either be automatically assessed on this material or moved to the next Objective.

Choose your preference below:

Students who complete the current Objective before the End Date will be given an assessment to ensure mastery of the Objective material. (Recommended)

Students who complete the current Objective before the End Date will be allowed to move to the next Objective without being assessed.

Note: After the Objective End Date, all students will move to the next scheduled Objective.

Objective Pie

Enable the Objective Pie view for students in this class. (Recommended)

Make Objective Pie the default view for students.

When this option is enabled, students can switch between the full ALEKS Pie, encompassing all topics in this course, and the Objective Pie, encompassing the topics involved in the current Objective.


Instructors can make the Objective Pie view the default view for students when they access their pie by checking the box.

Objective Pie

Enable the Objective Pie view for students in this class. (Recommended)

Make Objective Pie the default view for students.

When this option is enabled, students can switch between the full ALEKS Pie, encompassing all topics in this course, and the Objective Pie, encompassing the topics involved in the current Objective. ?





Clicking on the “?” opens a pop-up with a detailed description of the differences between the full ALEKS Pie view and the Objective Pie view.

Below is an example of a pop-up for a class using Objectives with end dates.

Full ALEKS Pie and Objective Pie View


When this option is enabled, students can choose between two ways to navigate through the topics in this course. By default, they will see the full ALEKS pie, encompassing all topics in the course. They can switch to the Objective Pie to view the topics that are involved in the current Objective.

<p>Full ALEKS Pie View*</p> 	<p>Objective Pie View*</p> 
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- The full Pie encompasses all the topics available in the course.
- The dotted line represents the topics in the current Objective.
- The Objective Pie encompasses all the topics in the current Objective and contains only two slices.
- The Goal topics slice shows all the topics the student must master for the current Objective.
- The Prerequisite topics slice shows topics that will help the student learn some or all of the goal topics.

*The pies pictured above are generalized examples and are not representative of the Objectives for this class.


Below is an example of a pop-up for a class using Objectives *without* end dates.



Full ALEKS Pie and Objective Pie View


When this option is enabled, students can choose between two ways to navigate through the topics in this course. By default, they will see the full ALEKS pie, encompassing all topics in the course. They can switch to the Objective Pie to view the topics that are involved in the current Objective and any topics from previous Objectives that have not been mastered.

Full ALEKS Pie View*



- The full Pie encompasses all the topics available in the course.
- The dotted line represents the topics in the current Objective.

Objective Pie View*



- The Objective Pie encompasses all the topics in the current Objective and contains only three slices.
- The Goal topics slice shows all the topics the student must master for the current Objective.
- The Prerequisite topics slice shows topics that will help the student learn some or all of the goal topics.
- The Other topics slice shows topics from earlier Objectives that have not yet been mastered.

*The pies pictured above are generalized examples and are not representative of the Objectives for this class.

EXAMPLE 1: Pie Views for a Class Using Objectives With End Dates

When instructors are viewing a student's latest learning result, they can toggle their view from the full ALEKS Pie view to the Objective Pie view by clicking on the "Switch to Objective Pie" link.

Report for Doe, John Print

03/13/2013 Learning

03/13/2013 Learning

Last login: 03/13/2013
Enroll date: 02/26/2013
Total Hours: 4 minutes (0 minutes from college)

[Switch to Objective Pie](#)

0.0 (0.0 from college)

03/13/2013 Learning
Basic Math (Pie object 2) – qc0002 (Current Class)
02/26/2013 Assessment (Initial)
02/26/2013 Learning
02/26/2013 Assessment (Initial)
College Algebra / Col Alge (L.O.A. leave)
02/26/2013 Learning
02/25/2013 Assessment (Initial)
Intermediate Algebra / Inte alge (L.O.A. leave)
02/25/2013 Learning
02/25/2013 Assessment (Initial)

The dotted line represents the current **Objective: Chapter 4 (03/14/2013)** - due tomorrow; 22 topics left to master

After clicking on the link, instructors see the Objective Pie view. To toggle back to the full ALEKS Pie view, they simply click on the "Switch to Full Pie" link.

Report for Doe, John Print

03/13/2013 Learning

03/13/2013 Learning

Last login: 03/13/2013
Enroll date: 02/26/2013
Total Hours: 4 minutes (0 minutes from college)

Hours/week: 0.0 (0.0 from college)

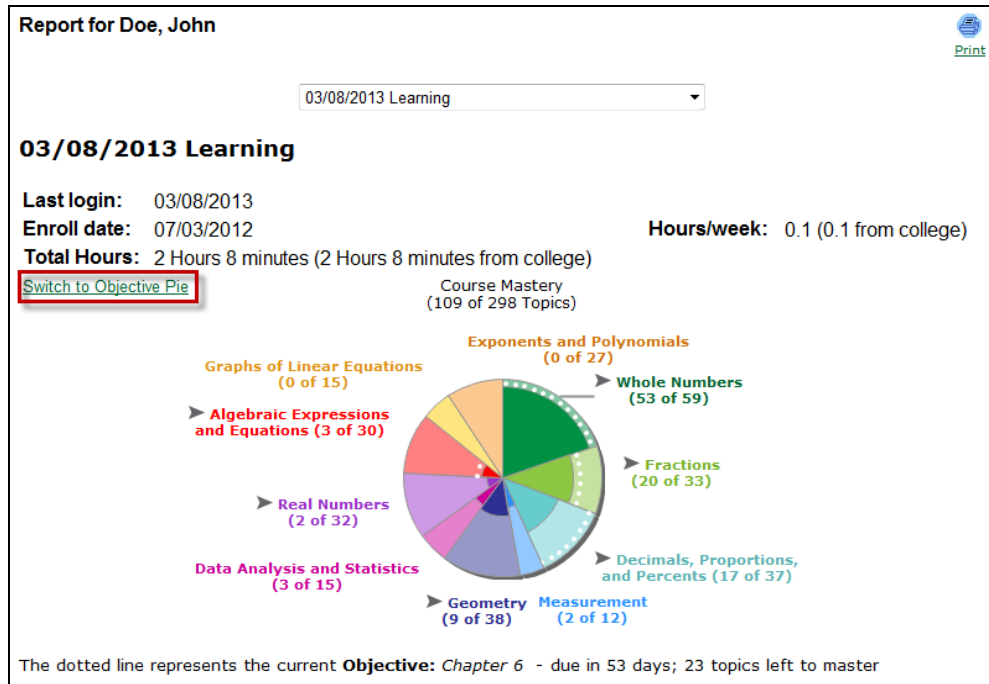
[Switch to Full Pie](#)

Current Objective: Chapter 4
Due Date: 03/14/2013 11:59PM (due in 8 days)
Objective Mastery: 13 of 29 Goal topics (45%)

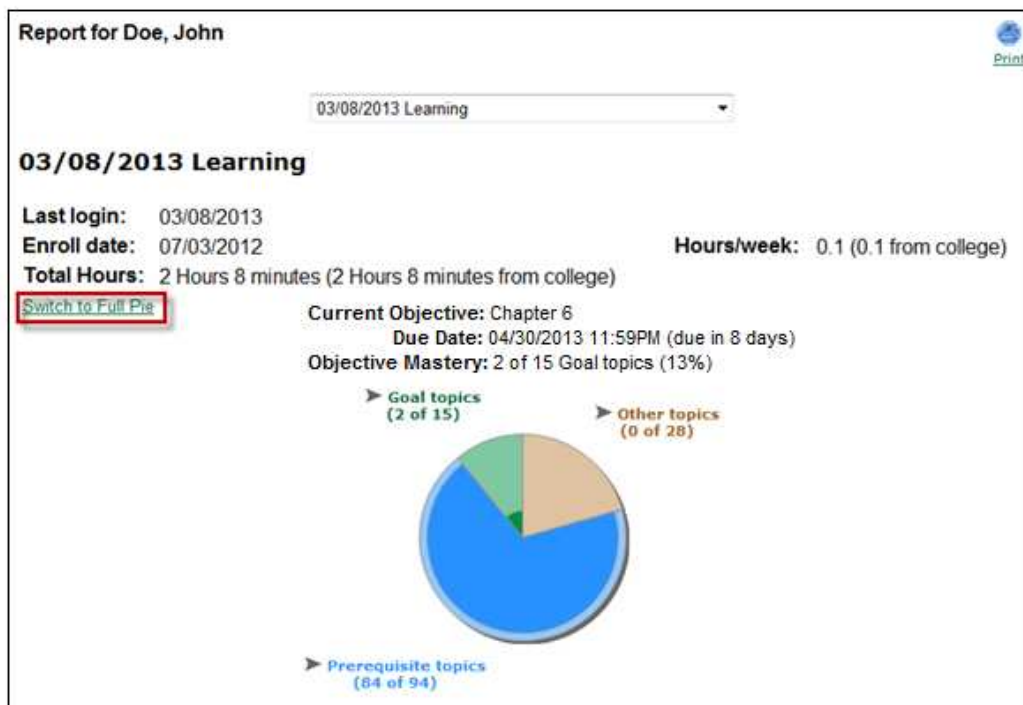
► Goal topics (13 of 29)
► Prerequisite topics (15 of 21)

EXAMPLE 2: Pie Views for a Class Using Objectives Without End Dates

When instructors are viewing a student's latest learning result, they can toggle their view from the full ALEKS Pie view to the Objective Pie view by clicking on the "Switch to Objective Pie" link.



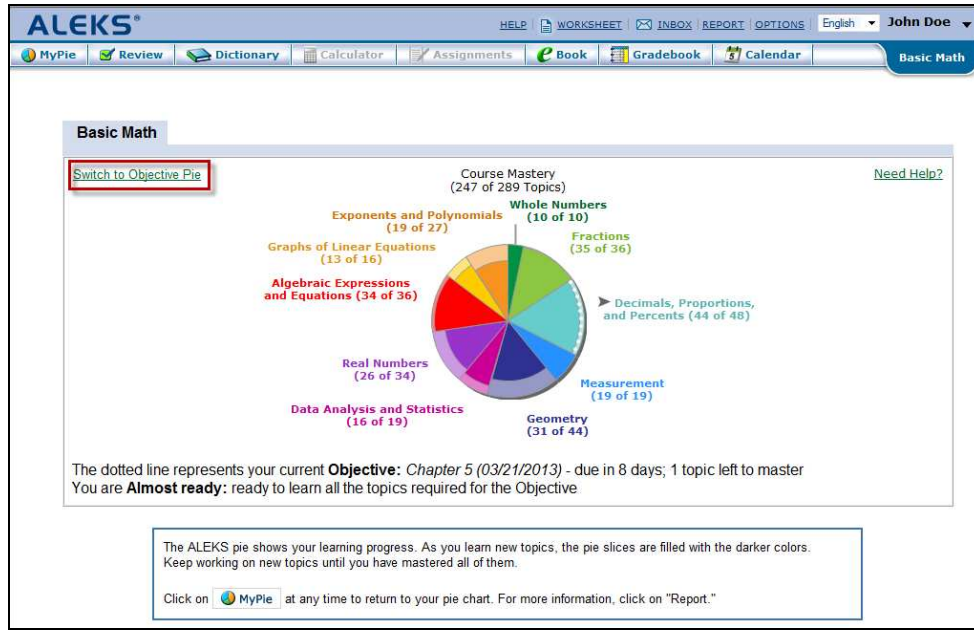
After clicking on the link, instructors see the Objective Pie view. To toggle back to the full ALEKS Pie view, they simply click on the "Switch to Full Pie" link.



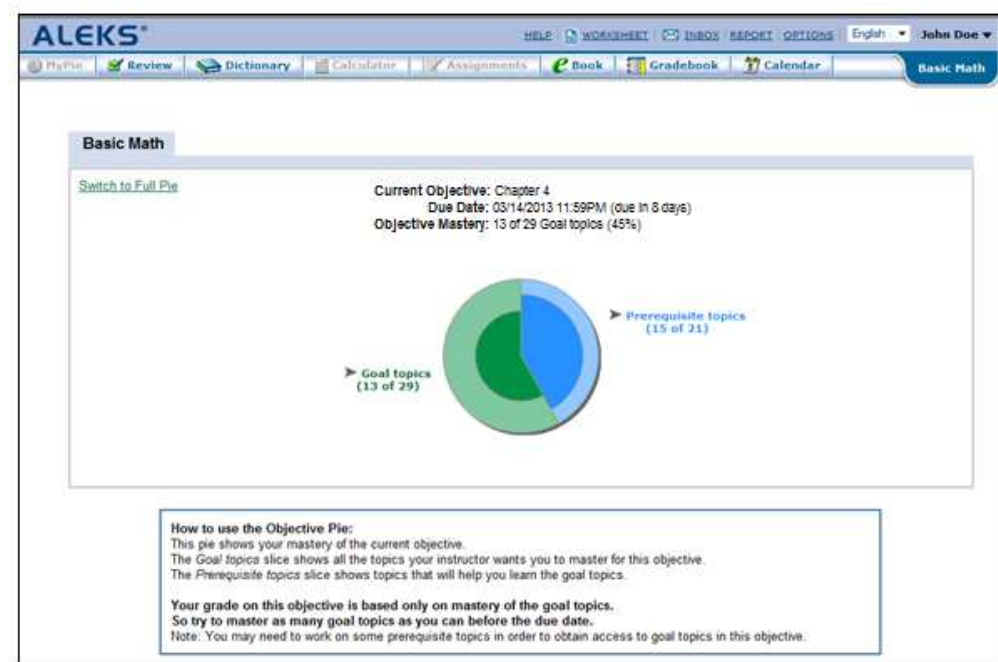
Student Module

EXAMPLE 1: Pie Views for a Class Using Objectives With End Dates

Students can toggle their view from the full ALEKS Pie view to the new Objectives Pie view by clicking on the “Switch to Objective Pie” link.



After clicking on the link, students see the Objective Pie view. Students can read a description of how to use the Objective Pie in the box below the pie.



Clicking on the “Goal topics” slice separates that slice from the “prerequisite topics” slice and opens a pop-up with links to goal topics that the student can work on to complete the current objective. The order of topics in each slice of the pie is determined by the ALEKS Table of Contents.

Clicking on the “Switch to Full Pie” link will show the full ALEKS Pie view again.

Basic Math

[Switch to Full Pie](#)

Current Objective: Chapter 4
 Due Date: 03/14/2013 11:59PM (due in 8 days)
 Objective Mastery: 13 of 29 Goal topics (45%)

► Prerequisite topics (15 of 21)

► Goal topics (13 of 29)

Goal topics

Decimals, Proportions, and Percents:
 Decimal place value
 Introduction to ordering decimals
 Converting a decimal to a fraction: Basic
 Converting a fraction with a denominator of 10, 100, or 1000 to a decimal
 Estimating a decimal sum or difference
 Decimal multiplication: Problem type 1
 Word problem using decimal subtraction and division

Data Analysis and Statistics

How to use the Objective Pie:
 This pie shows your mastery of the current objective.
 The Goal topics slice shows all the topics your instructor wants you to master.
 The Prerequisite topics slice shows topics that will help you learn the goal topics.

Your grade on this objective is based only on mastery of the goal topics.
 So try to master as many goal topics as you can before the due date.
 Note: You may need to work on some prerequisite topics in order to obtain access to goal topics in this objective.

EXAMPLE 2: Pie Views for a Class Using Objectives Without End Dates

Students can toggle their view from the full ALEKS Pie view to the new Objectives Pie view by clicking on the “Switch to Objective Pie” link.

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Basic Math

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Course Mastery (109 of 298 Topics)

Exponents and Polynomials (0 of 27)

Whole Numbers (53 of 59)

Fractions (20 of 33)

Decimals, Proportions, and Percents (17 of 37)

Measurement (2 of 12)

Geometry (9 of 38)

Data Analysis and Statistics (3 of 15)

Real Numbers (2 of 32)

Algebraic Expressions and Equations (3 of 30)

Graphs of Linear Equations (0 of 15)

The dotted line represents your current Objective: Chapter 6
 You have 23 topics left to master for this Objective, however, mastering 22 topics will move you to the next Objective.
 The last day to complete all Objectives is 04/30/2013.

The ALEKS pie shows your learning progress. As you learn new topics, the pie slices are filled with the darker colors.
 Keep working on new topics until you have mastered all of them.

Click on [MyPie](#) at any time to return to your pie chart. For more information, click on "Report."

After clicking on the link, students see the Objective Pie view. Students can read a description of how to use the Objective Pie in the box below the pie.

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Basic Math

[Switch to Full Pie](#)

Current Objective: Chapter 6
Due Date: 04/30/2013 11:59PM (due in 8 days)
Objective Mastery: 2 of 15 Goal topics (13%)

- ▶ Goal topics (2 of 15)
- ▶ Other topics (0 of 28)
- ▶ Prerequisite topics (84 of 94)

How to use the Objective Pie:
This pie shows your mastery of the current objective.
The *Goal topics* slice shows all the topics your instructor wants you to master for this objective.
The *Prerequisite topics* slice shows topics that will help you learn the goal topics.
The *Other topics* slice shows topics from earlier objectives that have not yet been mastered.

Your grade on this objective is based only on mastery of the goal topics.
So try to master as many goal topics as you can before the due date.
Note: You may need to work on some prerequisite topics in order to obtain access to goal topics in this objective.

Clicking on the “Other topics” slice separates that slice from the “Prerequisite topics” and “Goal topics” slices and opens a pop-up with links to topics from earlier objectives that the student has not yet mastered. The order of topics in each slice of the pie is determined by the ALEKS Table of Contents.

Clicking on the “Switch to Full Pie” link will show the full ALEKS Pie view again.

Basic Math

[Switch to Full Pie](#)

Current Objective: Chapter 6
Due Date: 04/30/2013 11:59PM (due in 8 days)
Objective Mastery: 2 of 15 Goal topics (13%)

- ▶ Goal topics (2 of 15)
- ▶ Other topics (0 of 28)
- ▶ Prerequisite topics (84 of 94)

Other topics

Whole Numbers

- [Introduction to properties of addition](#)
- [Understanding the distributive property](#)
- [Prime factorization](#)

Fractions

- [Fractional position on a number line](#)
- [Finding the LCD of two fractions](#)
- [Fractional part of a circle](#)
- [Addition or subtraction of mixed numbers with different denominators](#)

EXAMPLE 3: Pie View for a Class Where the Objective Pie View is the Default View

When this setting is enabled by their instructor, students see the Objective Pie view as their default view when accessing their pie. Explanations of the Objective Pie view are displayed onscreen.

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Since your course includes Objectives, you also have access to the Objective Pie View. This will help you identify the goal topics needed for the current Objective and also track Objective Mastery.

Continue

[Switch to Full Pie](#)

Current Objective: Chapter 6
Due Date: 08/27/2013 11:59PM (due today)
Objective Mastery: 0 of 20 Goal topics (0%)

► Goal topics (0 of 20)

► Prerequisite topics (47 of 107)

How to use the Objective Pie:
This pie shows your mastery of the current objective.
The *Goal topics* slice shows all the topics your instructor wants you to master for this objective.
The *Prerequisite topics* slice shows topics that will help you learn the goal topics.

**Your grade on this objective is based only on mastery of the goal topics.
So try to master as many goal topics as you can before the due date.**
Note: You may need to work on some prerequisite topics in order to obtain access to goal topics in this objective.

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[Switch to Full Pie](#)

Current Objective: Chapter 6
Due Date: 08/27/2013 11:59PM (due today)
Objective Mastery: 0 of 20 Goal topics (0%)

► Goal topics (0 of 20)

► Prerequisite topics (47 of 107)

You can switch back to your ALEKS Full Pie View using this link. You can toggle between both pies as much as you like.

OK

How to use the Objective Pie:
This pie shows your mastery of the current objective.
The *Goal topics* slice shows all the topics your instructor wants you to master for this objective.
The *Prerequisite topics* slice shows topics that will help you learn the goal topics.

**Your grade on this objective is based only on mastery of the goal topics.
So try to master as many goal topics as you can before the due date.**
Note: You may need to work on some prerequisite topics in order to obtain access to goal topics in this objective.