

# ALEKS®

## Creating a Quiz in ALEKS

The ALEKS Quiz feature provides you with a tool to create a Quiz that will test all students on the topics have you selected.

To create a Quiz in ALEKS, first select a class and click on the “Taking Actions” box.



Next, click on the “Create a Quiz” link.

### Taking Actions

[Print](#)

**Scheduled Assessment:**

[Schedule a new assessment:](#) Allows you to schedule a new assessment (graded or not).

[Cancel an assessment:](#) Prevent a previously scheduled assessment from taking place.

[Change the name, date, grading scale of an assessment:](#) Edit the grading scale, date or name of a past or upcoming scheduled/requested assessment.

**Quiz:**

[Create a Quiz:](#) Allows you to select a sequence of questions that ALEKS will make available to students and grade automatically.

[Edit a Quiz:](#) View or modify the sequence of questions of an existing Quiz.

[Delete a Quiz:](#) Remove a Quiz from the list of Quizzes linked with this class.

**Worksheet Options:**

- [View/Create Worksheets for a single student](#)

Any quiz you create is given a default title, e.g. "Quiz 1." However, you have the option of changing the default name of the quiz by typing the desired name in the "Enter a Quiz name" box.

Taking Actions Print

[Create Quiz \(continued\)](#)

Enter a **Quiz name**:

Select how you want to create this Quiz:

- I want to **manually** choose the topics for this Quiz.
- I want to **duplicate** a Quiz rather than create a new Quiz.

[Next >>](#)

Select the radio button next to "I want to **manually** choose the topics for this Quiz" and then click on the "Next" button.

Taking Actions Print

[Create Quiz \(continued\)](#)

Enter a **Quiz name**:

Select how you want to create this Quiz:

- I want to **manually** choose the topics for this Quiz.
- I want to **duplicate** a Quiz rather than create a new Quiz.

[Next >>](#)

Expand the folders to access the ALEKS topics. Add questions to the Quiz either by dragging topics from the left-hand window into the right-hand window, or by highlighting topics in the left-hand window and clicking on the "Add" button. Teachers can also use the "Shift" and "Control" keys to add multiple topics at one time. Use the "Remove" button to remove any unwanted topics. Once all topic selections have been made, click on the "Save" button.

Quiz name:

Using your mouse, create your Quiz on the right-hand-side by dragging topics from the left-hand-side. You can add new topics by opening one of the folders on the left-hand-side, and then dragging topics to the right-hand-side. To view an example of a topic, double click on its name.

**Topics**

Default View State Standard

- Algebra 1
  - Arithmetic Readiness
  - Whole Numbers
  - Fractions
    - Equivalent fractions**
    - Fraction position on a number line
    - Simplifying a fraction
    - Ordering fractions
    - Addition or subtraction of fractions with the same denominator
    - Addition or subtraction of fractions with different denominators
    - Product of a fraction and a whole number
    - Unit fraction multiplication

**Questions for the Quiz**

1. Equivalent fractions
2. Equivalent fractions
3. Equivalent fractions
4. Equivalent fractions
5. Ordering fractions
6. Writing equations and drawing graphs to fit a narrative
7. Finding slope given the graph of a line on a grid
8. Writing an equation of a line given the y-intercept and a point
9. Graphing a line given its equation in standard form
10. Plotting a point in the coordinate plane
11. Graphing a vertical or horizontal line
12. Histograms for numerical data
13. Interpreting bar graphs
14. Interpreting the graphs of two functions

Add >>

<< Remove

Save

A summary of the quiz is provided with editing options.

Taking Actions

Print

Create Quiz (continued)

Thank you!

You have just created the following Quiz:

Homework 10	
Question	Point Value
1. <a href="#">Factoring a product of a quadratic trinomial and a monomial</a>	1 point
2. <a href="#">Solving a proportion: Advanced</a>	1 point
3. <a href="#">Simplifying a radical expression: Problem type 1</a>	1 point
4. <a href="#">Word problem involving multiple rates</a>	1 point
5. <a href="#">Rational and irrational numbers</a>	1 point
6. <a href="#">Graphing a system of linear inequalities</a>	1 point
7. <a href="#">Word problem on percentage: Problem type 3</a>	1 point
8. <a href="#">Simple interest</a>	1 point
9. <a href="#">Converting between compound units: Basic</a>	1 point
10. <a href="#">Signed fraction addition</a>	1 point
11. <a href="#">Integer addition: Problem type 1</a>	1 point
12. <a href="#">Finding the next terms of a simple sequence</a>	1 point
13. <a href="#">Ratio of multivariate polynomials</a>	1 point
14. <a href="#">Factoring a difference of squares</a>	1 point
15. <a href="#">Die rolling</a>	1 point
16. <a href="#">Addition or subtraction of fractions with the same denominator</a>	1 point
Total:	16 points

You can choose one of the following tasks:

- [Add or remove questions on this Quiz.](#)
- [Adjust the point values for the questions on this Quiz.](#)
- [Set a Grading Scale](#)
- [Change how this Quiz is made available to your students.](#) (This Quiz is currently available to your students and due by January 27<sup>th</sup>, 2011; It can be taken only once.)
- [Change to whom this Quiz is assigned.](#) (This Quiz is currently assigned to the whole class.)

The quiz editing options include:

1. [Add or remove questions on this Quiz.](#)

Teachers can add or remove questions from the quiz by clicking on the “Add or remove questions on this Quiz” link. Click on the name of the topic you would like to select, and then click on the “Add” or “Remove” button to perform the appropriate action. After the desired changes have been made, click on the “Save” button to confirm.

Quiz name:

Using your mouse, modify your Quiz on the right-hand-side by dragging topics from the left-hand-side. You can add new topics by opening one of the folders on the left-hand-side, and then dragging topics to the right-hand-side. To view an example of a topic, double click on its name.

Topics	Questions for the Quiz
<ul style="list-style-type: none"><li>Algebra 1<ul style="list-style-type: none"><li>Arithmetic Readiness</li><li>Real Numbers and Linear Equations</li><li>Functions and Systems of Equations</li><li>Polynomials and Quadratic Equations</li><li>Rational Expressions and Proportions</li><li>Exponents and Square Roots</li><li>Geometry and Trigonometry</li><li>Data Analysis and Probability</li></ul></li></ul>	<ol style="list-style-type: none"><li>Factoring a product of a quadratic trinomial and a monomial</li><li>Solving a proportion: Advanced</li><li>Simplifying a radical expression: Problem type 1</li><li><b>Rational and irrational numbers</b></li><li>Solving a system of linear inequalities</li><li>Word problem on percentage: Problem type 3</li><li>Simple interest</li><li>Converting between compound units: Basic</li><li>Signed fraction addition</li><li>Integer addition: Problem type 1</li><li>Finding the next terms of a simple sequence</li><li>Ratio of multivariate polynomials</li><li>Factoring a difference of squares</li><li>Die rolling</li><li>Addition or subtraction of fractions with the same denominator</li></ol>

**Add >>** **<< Remove** **Save**

2. [Adjust the point values for the questions on this Quiz.](#)

It is also possible to change the point value per question by clicking on the “Adjust the point values for the questions on this Quiz” link; by default, questions are worth one point each and can be adjusted in quarter point increments. Click on the “+” or “-” sign to adjust the value of each question, or adjust the value by deleting the number and entering a new value manually. After the desired editing has been completed, click on the “Save” button.

### Quiz 5

Question	Point Value
1. <a href="#">Application problem with a linear function: Problem type 2</a>	1 <input type="text"/> +-
2. <a href="#">Multiplication of a decimal by a whole number</a>	1 <input type="text"/> +-
3. <a href="#">Perimeter of a polygon</a>	1 <input type="text"/> +-
4. <a href="#">Midpoint of a line segment in the plane</a>	1 <input type="text"/> +-
5. <a href="#">Conversion between metric and customary unit systems</a>	1 <input type="text"/> +-
6. <a href="#">Solving a word problem using a linear equation: Problem type 4</a>	1 <input type="text"/> +-
7. <a href="#">Power rule with negative exponents: Problem type 1</a>	1 <input type="text"/> +-
8. <a href="#">Scatterplots and correlation</a>	1 <input type="text"/> +-
9. <a href="#">Evaluating expressions with exponents: Problem type 1</a>	1 <input type="text"/> +-
10. <a href="#">Integer subtraction: Problem type 1</a>	1 <input type="text"/> +-
11. <a href="#">Solving a quadratic equation using the quadratic formula</a>	1 <input type="text"/> +-
12. <a href="#">Translating sentences into inequalities</a>	1 <input type="text"/> +-
13. <a href="#">Factoring a multivariate polynomial by grouping: Problem type 2</a>	1 <input type="text"/> +-
14. <a href="#">Adding and subtracting rational expressions: Problem type 1</a>	1 <input type="text"/> +-
15. <a href="#">Word problem with one decimal operation: Problem type 1</a>	1 <input type="text"/> +-
16. <a href="#">Dividing rational expressions: Problem type 1</a>	1 <input type="text"/> +-
17. <a href="#">Choosing a graph to fit a narrative</a>	1 <input type="text"/> +-

**Total: 17 points**

Save

3. [Set a Grading Scale](#)

The next editing option allows teachers to set a grading scale for the quiz by clicking on the “Set a Grading Scale” link. The grading scale has sliding bars that can be used to define and label grade intervals. Additional sliders may be added by dragging the right-hand or left-hand sliders; sliders may also be removed by dragging them off to the right or left of the scale.

Teachers can set and label the sliders as desired. To change the label on a new or existing interval, select the text of the current label and type in the new desired label.

The three radio buttons under the scale determine how the grading scale will be used: if "Show grades to teacher only" is selected, the teacher sees the grading scale for the quiz, but the students do not; if "Show grades to the student and teacher" is selected, the teacher sees the grading scale and the student also sees it for her personal work; if "Disable" is selected, no one sees the grading scale. Once a selection are made, click on the “Save” button.

\*Implementation tip: You can come back to this grading scale and edit it at any time (even after students have taken the assigned quiz). This allows you to change (or curve) the grading scale based on the students’ scores.

Please indicate below the **grade to be assigned**. Eg. between 70% and 100%, assign an "A". (More categories can be added by dragging the left-most or the right-most bar.)

The image shows a grading scale interface. At the top, it says "Please indicate below the **grade to be assigned**. Eg. between 70% and 100%, assign an "A". (More categories can be added by dragging the left-most or the right-most bar.)". Below this is a horizontal axis labeled "Grading (score)" ranging from 0 to 100. The axis has vertical dashed lines at intervals of 10. There are five vertical red bars representing grade intervals: "See Me" from 0 to 15, "1" from 15 to 40, "2" from 40 to 65, "B" from 65 to 80, and "A" from 80 to 100. Below the axis are three radio buttons: "Show grades to teacher only" (selected), "Show grades to the student and teacher", and "Disable". A red arrow points down from the "Save" button, which is highlighted with a red border.

A summary of the grading scale is provided. To return to the previous menu and make the quiz available to students, click on the “this Quiz’s customization page” link.

Thank you!

The following **grading scale** will be used for your Quiz:

Between...	...And	Grade
82.0%	100%	<b>A</b>
64.0%	81%	<b>B</b>
40.0%	63%	<b>2</b>
15.0%	39%	<b>1</b>
0%	14%	<b>See Me</b>

You may now return to [this Quiz’s customization page](#).

- 4. [Change how this Quiz is made available to your students.](#)

The next Quiz editing option allows teachers to determine how the Quiz the quiz is made available to students by clicking on the “Change how this Quiz is made available to your students” link. Teachers can choose between a scheduled quiz and homework quiz. The scheduled quiz is more traditional and requires students to take the quiz as soon as they log into ALEKS at the designated time. The homework quiz is more flexible and allows students to complete the quiz at any time before the due date.

For a scheduled quiz, click on the radio button for “Schedule this Quiz on.” Select the date the students will take the quiz, and click on the “Next” button.

Please choose one of the following.

**Scheduled Quiz:**

Schedule this Quiz on:

March 2011						
S	M	T	W	T	F	S
27	28	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2
3	4	5	6	7	8	9

**Homework Quiz:**

Add a link to this Quiz on each student’s Quiz page. This will allow your students to take this Quiz at any time.

**Hidden Quiz:**

Don’t make this Quiz available yet.

[Next >>](#)

Select a start time and a time limit. The time limit can be as little as 5 minutes or as long as 3 hours and 55 minutes. Check the desired notification options and select the window of time students will have to take the quiz.

Schedule Quiz (continued) Print

Quiz 5 / New Name

At what **time** should this Quiz **start** ?

Start time: 11 : 45 AM PST

**How long** will each student have to complete it?

Duration: 2 : 30

Notify students of this Quiz.

Notify me when a student submits his or her Quiz.

**Window of time** to take the Quiz: on the same day

**Where** should the Quiz take place?

The Quiz should take place **at school only**

Prevent automatic assessment: up to 7 days before

Next >>

Next, select the window of time the quiz should be available for the students. Teachers have the option of setting the quiz so that students can take it at school only; to do this, please contact ALEKS Customer Support, by going to <http://support.aleks.com>, and provide your school's IP address information. The next scheduled quiz editing option allows teachers to prevent automatic ALEKS Assessments from occurring for up to seven days before the Quiz.

Schedule Quiz (continued) Print

Quiz 5 / New Name

At what **time** should this Quiz **start** ?

Start time: 11 : 45 AM PST

**How long** will each student have to complete it?

Duration: 2 : 30

Notify students of this Quiz.

Notify me when a student submits his or her Quiz.

**Window of time** to take the Quiz: on the same day

**Where** should the Quiz take place?

The Quiz should take place **at school only**

Prevent automatic assessment: up to 7 days before

Next >>

Once the scheduled quiz settings are selected, click on the “Next” button.

Schedule Quiz (continued) Print

Quiz 5 / New Name

At what **time** should this Quiz **start** ?

Start time: 11 : 45 AM PST

**How long** will each student have to complete it?

Duration: 2 : 30

Notify students of this Quiz.  
 Notify me when a student submits his or her Quiz.

**Window of time** to take the Quiz: on the same day

**Where** should the Quiz take place?

The Quiz should take place **at school only**

Prevent automatic assessment: up to 7 days before

**Next >>**

A summary of the created quiz will be displayed.

Thank you!

The following Quiz has been scheduled:

**Name:** Quiz 5 / New Name,  
**On:** March 31<sup>th</sup>, 2011,  
**Starting at:** 11:45 AM PST  
**Automatic Assessments** prevented Up to 7 days before

The students should **start** the Quiz the same day.  
The students will have 2 hours and 30 minutes to **complete** the Quiz.

The students have been notified.

You will be notified when a student submits his or her Quiz.

You may now return to [this Quiz's customization page](#).

For the homework version of the quiz, click on the radio button for the “Homework Quiz” option and click on the “Next” button. The homework version of the quiz is more flexible than the scheduled version of the quiz.

Please choose one of the following.

**Scheduled Quiz:**

Schedule this Quiz on:

January 2011						
S	M	T	W	T	F	S
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

**Homework Quiz:**

Add a link to this Quiz on each student's Quiz page. This will allow your students to take this Quiz at any time

**Hidden Quiz:**

Don't make this Quiz available yet.

**Next >>**

First, select a due date for the quiz. Note that the student will be able to complete the quiz at any time before the selected due date. Teachers have the option of being notified when students submit their quizzes. A duration for the quiz can also be set; the duration can be as little as 5 minutes or as long as 3 hours and 55 minutes. For a quiz with no time limit leave the “Set a duration for this Quiz” box unchecked.

Please indicate a **due date** for this Quiz:

**Due date:**

April 2011						
S	M	T	W	T	F	S
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
1	2	3	4	5	6	7

Notify students to submit their Quiz on or before the due date.

Notify me when a student submits his or her Quiz.

Set a duration for the Quiz:  :

Students can take this Quiz  time(s).

Students can take this Quiz an unlimited number of times.

Next >>

Additional homework quiz settings provide teachers with the option to allow students to take the quiz any number of times. The default is one time, but can be changed to any number or set to be taken an unlimited number of times. Once the homework quiz settings are selected, click on the “Next” button.

Please indicate a **due date** for this Quiz:

**Due date:**

April 2011						
S	M	T	W	T	F	S
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
1	2	3	4	5	6	7

Notify students to submit their Quiz on or before the due date.

Notify me when a student submits his or her Quiz.

Set a duration for the Quiz:  :

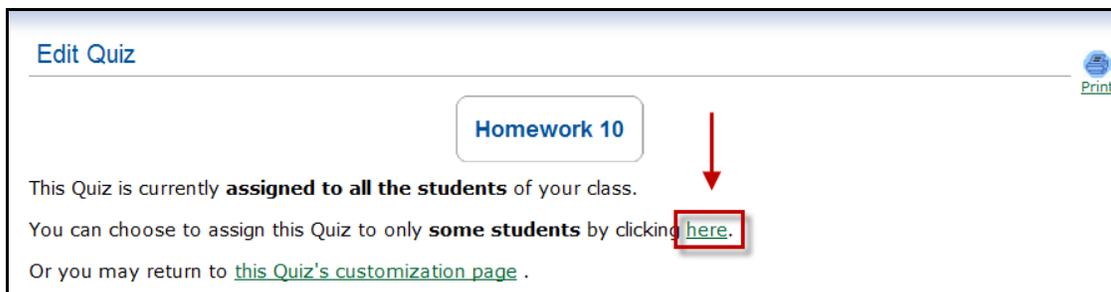
Students can take this Quiz  time(s).

Students can take this Quiz an unlimited number of times.

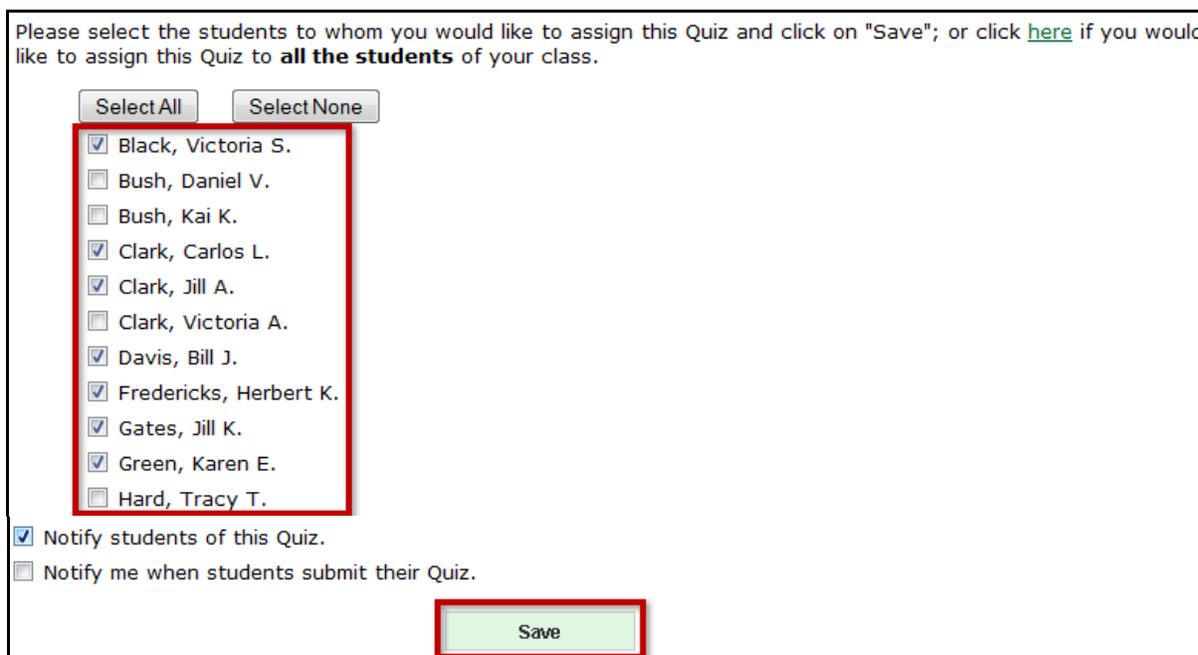
Next >>

5. [Change to whom this Quiz is assigned.](#)

The final quiz editing option allows the teacher to select to whom the quiz is assigned. By default, the quiz is assigned to all students. To assign the quiz to select students, click on the “Change to whom this Quiz is assigned” link. Next, click on the “here” link.



Place a checkmark next to the names of the students that this quiz should be assigned to, and click on the “Save” button.



The quiz feature provides teachers with a tool to quickly create individualized quizzes for students, while still covering the same topics. Although all of the quizzes contain the same topics, quiz questions are generated algorithmically so each student will be presented with a different instance of that topic. Teachers will not need to make multiple versions of quizzes or tests.

The quiz allows teachers to check for retention of specific topics, regardless of where students are in their individual ALEKS Pie. For instance, if a teacher is covering fractions in class and wants to test all students on fractions, the quiz feature provides this capability.

**Please note: Students' quiz results will not have an impact on individual pie charts. Additionally, unlike ALEKS Assessments, the ALEKS Quiz does not utilize ALEKS technology for delineation of student knowledge. The quiz results are therefore not an assessment of overall student knowledge of the subject. ALEKS Assessments (which happen automatically at regular intervals of progress) will efficiently assess the students' *overall* knowledge of the subject and determine exactly what each student is ready to learn.**

To get more information on how to use ALEKS effectively, please join a free daily training session by going to <https://aleks.webex.com>. If the scheduled days and times **DO NOT** work for you, please go to [http://www.aleks.com/k12/request\\_training](http://www.aleks.com/k12/request_training) to complete a request form with a preferred date and time for your free online training.