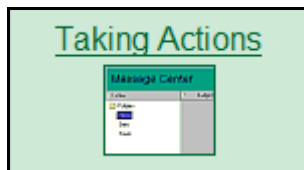


## Creating a State Standards-Based Quiz in ALEKS

The ALEKS Quiz feature provides you with the ability to create quizzes based on ALEKS topics that correspond to a selected state standard strand.

To create a state standards-based 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 ALEKS to choose topics that correspond to a selected **state standard strand**.
- I want to **manually** choose the topics for this Quiz.
- I want to **duplicate** a Quiz rather than create a new Quiz.

To automatically generate a Quiz based on ALEKS topics that correspond to a strand from the **California's Algebra 1 Mathematics Content Standards**, please select a strand and click on next.

please select a strand..

Number of questions in your Quiz:

[How does ALEKS choose the number of questions?](#)

[Next >>](#)

Select the radio button next to "I want ALEKS to choose topics that correspond to a selected **state standard strand**."

Taking Actions Print

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

Enter a **Quiz name**:

Select how you want to create this Quiz:

- I want ALEKS to choose topics that correspond to a selected **state standard strand**.
- I want to **manually** choose the topics for this Quiz.
- I want to **duplicate** a Quiz rather than create a new Quiz.

To automatically generate a Quiz based on ALEKS topics that correspond to a strand from the **California's Algebra 1 Mathematics Content Standards**, please select a strand and click on next.

please select a strand..

Number of questions in your Quiz:


[How does ALEKS choose the number of questions?](#)

[Next >>](#)

Click on the drop-down box labeled “please select a strand” to choose the state standard strand that your students will be quizzed on. Next, click on the “Number of questions in your Quiz” drop-down box to choose the number of questions in your quiz and then click on the “Next” button.

**Please note: ALEKS will automatically select the questions for the quiz based on the parameters you provided. If you want to manually select the state standard topics in your quiz, please view the “Creating a Quiz in ALEKS” transcript to learn how to manually create your Quiz.**

### Taking Actions



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

Enter a **Quiz name**:


Select how you want to create this Quiz:

- I want ALEKS to choose topics that correspond to a selected **state standard strand**.
- I want to **manually** choose the topics for this Quiz.
- I want to **duplicate** a Quiz rather than create a new Quiz.

To automatically generate a Quiz based on ALEKS topics that correspond to a strand from the **California's Algebra 1 Mathematics Content Standards**, please select a strand and click on next.

Number of questions in your Quiz:  out of 52 topics in this strand

**How does ALEKS choose the number of questions?** ALEKS automatically selects the number of questions so that students are given one question for each ALEKS topic that corresponds to the strand (so long as this number is between 1 and 60 questions). Increasing this number means that some topics will be assigned more than one question. Decreasing this number means that some topics will not be covered on the Quiz. After the Quiz is generated, you will be able to add or remove topics.



A summary of the quiz is provided with editing options.

Thank you!

You have just created the following Quiz:

Homework 15		
Question		Point Value
1.	<a href="#">Application problem with a linear function: Problem type 2</a>	1 point
2.	<a href="#">Greatest common factor</a>	1 point
3.	<a href="#">Graphing a linear inequality in the plane: Problem type 2</a>	1 point
4.	<a href="#">Fraction division</a>	1 point
5.	<a href="#">Addition of aligned decimals</a>	1 point
6.	<a href="#">Additive property of equality with whole numbers</a>	1 point
7.	<a href="#">Computing a percentage from a table of values</a>	1 point
8.	<a href="#">Square root of a perfect square monomial</a>	1 point
9.	<a href="#">Introduction to algebraic symbol manipulation</a>	1 point
10.	<a href="#">Customary unit conversion with whole number values</a>	1 point
11.	<a href="#">Introduction to probability of an event</a>	1 point
12.	<a href="#">Odds of an event</a>	1 point
13.	<a href="#">Metric distance conversion with whole number values</a>	1 point
14.	<a href="#">Absolute value of a number</a>	1 point
15.	<a href="#">Computations from circle graphs</a>	1 point
16.	<a href="#">Introduction to exponents</a>	1 point
17.	<a href="#">Decimal place value</a>	1 point
18.	<a href="#">Factoring a multivariate polynomial by grouping: Problem type 1</a>	1 point
19.	<a href="#">Function tables with two-step rules</a>	1 point
<b>Total:</b>		<b>19 points</b>

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 April 13<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.

**Taking Actions** Print

**Edit Quiz**

**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
<p>Default View <b>State Standard</b></p> <ul style="list-style-type: none"><li>California's Algebra 1 Mathematics Content Standards<ul style="list-style-type: none"><li>Operations &amp; Linear Equations: Standards 1.0 - 5.0</li><li>Graphing &amp; Systems of Equations: Standards 6.0 - 9.0</li><li>Polynomials &amp; Rational Expressions: Standards 10.0 - 15.0</li><li>Functions Quadratic Equations &amp; Reasoning: Standards 16.0 - 25.0</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>Word problem involving multiple rates</b></li><li>Rational and irrational numbers</li><li>Graphing 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></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.

To change the point values for each question, use the "+" or "-" buttons. You can also enter the point values directly.

Homework 10	
Question	Point Value
1. <a href="#">Factoring a product of a quadratic trinomial and a monomial</a>	2 <input type="text"/> +- -
2. <a href="#">Solving a proportion: Advanced</a>	1 <input type="text"/> +- -
3. <a href="#">Simplifying a radical expression: Problem type 1</a>	1.25 <input type="text"/> +- -
4. <a href="#">Word problem involving multiple rates</a>	2 <input type="text"/> +- -
5. <a href="#">Rational and irrational numbers</a>	1 <input type="text"/> +- -
6. <a href="#">Graphing a system of linear inequalities</a>	1.5 <input type="text"/> +- -
7. <a href="#">Word problem on percentage: Problem type 3</a>	1 <input type="text"/> +- -
8. <a href="#">Simple interest</a>	1.75 <input type="text"/> +- -
9. <a href="#">Converting between compound units: Basic</a>	1 <input type="text"/> +- -
10. <a href="#">Signed fraction addition</a>	1 <input type="text"/> +- -
11. <a href="#">Integer addition: Problem type 1</a>	0.5 <input type="text"/> +- -
12. <a href="#">Finding the next terms of a simple sequence</a>	1 <input type="text"/> +- -
13. <a href="#">Ratio of multivariate polynomials</a>	1 <input type="text"/> +- -
14. <a href="#">Factoring a difference of squares</a>	1 <input type="text"/> +- -
15. <a href="#">Die rolling</a>	2 <input type="text"/> +- -
16. <a href="#">Addition or subtraction of fractions with the same denominator</a>	1 <input type="text"/> +- -

**Total: 20 points**

↓

3. [Set a Grading Scale](#)

The next editing option allows the teacher 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 is 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.)

Show grades to teacher only
  Show grades to the student and teacher
  Disable

↓

**Save**

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 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.



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 the student 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.

↓

First, select a due date for the quiz. Note that the student will be able to take the quiz at any time on or 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: 2 : 30

Students can take this Quiz 3 time(s).

Students can take this Quiz an unlimited number of times.

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.

\*Implementation tip: This is great for topic types that need continuous practice (i.e. fractions and word problems). You can create a homework quiz that is available multiple or unlimited times so students can continually practice.

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

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

**Due date:**

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: 2 : 30

Students can take this Quiz 3 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.

**Edit Quiz**

Homework 10

This Quiz is currently **assigned to all the students** of your class.

You can choose to assign this Quiz to only **some students** by clicking [here](#).

Or you may return to [this Quiz's customization page](#).

[Print](#)

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

Please select the students to whom you would like to assign this Quiz and click on "Save"; or click [here](#) if you would like to assign this Quiz to **all the students** of your class.

- Black, Victoria S.
- Bush, Daniel V.
- Bush, Kai K.
- Clark, Carlos L.
- Clark, Jill A.
- Clark, Victoria A.
- Davis, Bill J.
- Fredericks, Herbert K.
- Gates, Jill K.
- Green, Karen E.
- Hard, Tracy T.

Notify students of this Quiz.  
 Notify me when students submit their Quiz.

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.