



# ALEKS®



## Let ALEKS® Take Your Test Scores to the Next Level

Students begin with an initial knowledge check to accurately measure what they know, don't know, and what concepts they are ready to learn next. The results are summarized in the *ALEKS Pie*, a tool that provides insight on student knowledge across multiple topics and your state standards.



### Meaningful, Data-Driven Assignments

Create meaningful, data-driven assignments that grade themselves so you can teach! In the *ALEKS Pie Report*, teachers can see exactly what percent of their students have mastered and have not mastered a particular standard. This feature allows for small group instruction and targeted assignments.

**A-SSE.2: Use the structure of an expression to identify ways to rewrite it (Mastered 22%)**

There are 13 ALEKS topics that correspond to this standard.

• Factoring a quadratic with leading coefficient 1	60%	40%	16%	0%
• Factoring a difference of squares in one variable: Basic	44%	56%	20%	12%

11 students out of 25 (44%) have **Mastered** this topic. [Message Students](#)

Browning, David  
Chang, Cindy A.  
Diaz, Bill B.  
Frankel, Bill T.  
Hard, Cindy E.  
Herman, Jose L.  
Kitel, Charles T.  
Mendes, Kai T.  
Nixon, Joel L.  
Olson, Kelly R.  
Velasquez, Nicole C.

**A-SSE.2: Use the structure of an expression to identify ways to rewrite it (Mastered 22%)**

There are 13 ALEKS topics that correspond to this standard.

• Factoring a quadratic with leading coefficient 1	60%	40%	16%	0%
• Factoring a difference of squares in one variable: Basic	44%	56%	20%	12%

14 students out of 25 (56%) have **Not Mastered** this topic. [Message Students](#)

Alberti, Tracy L.  
Anderson, Jane R.  
Fisher, Charles P.  
Green, Jose J.  
Green, Maria S.  
Hard, Daniel R.  
Johnson, Kelly T.  
Morris, Charles B.  
Nguyen, Jennifer  
Pascal, John C.  
Sanchez, Victoria R.  
Summers, Daniel P.

**Content**

Select up to 60 questions to include in this assignment.

Randomly add 5 questions from Number and Quantity Add

View by Standards **Change**

Algebra

All Topics

Open All Add

**Your Assignment**

Shuffle Remove

	Points
<input type="checkbox"/> 1. Factoring out a monomial from a polynomial: Univariate	1
<input type="checkbox"/> 2. Factoring a univariate polynomial by grouping: Problem type 1	1
<input type="checkbox"/> 3. Factoring a univariate polynomial by grouping: Problem type 2	1
<input type="checkbox"/> 4. Factoring a multivariate polynomial by grouping: Problem type 1	1

4 total questions Total points: 4

Using information from the standards report, teachers can select a standard and create an assignment that covers that standard. This allows teachers to target students where they are and prepare them for their next step in learning.

*ALEKS* makes it easy for teachers to allow students to attempt questions and assignments multiple times to ensure that they are working towards mastery.

**Content Settings**

**Allow students to access:**

- Example
- Explanation
- Message Center

**Attempts:**

Question attempts: Unlimited

Assignment attempts: Unlimited

**Retake options:**

- Full Retake (Students must retake all problems.)
- Quick Retake (Students only retake incorrect problems.)

**In the gradebook, record the:**

- Best score
- Final score
- Average score

**Advanced Options**

Prevent automatic Knowledge Checks up to 2 days before the assignment starts.

Assign to entire class

Assign to specific student(s)

**Assign to:** (select all / clear all) [Select Student Groups](#)

- Alberti, Tracy L.
- Anderson, Jane R.
- Browning, David
- Chang, Cindy A.
- Diaz, Bill B.
- Fisher, Charles P.
- Frankel, Bill T.
- Green, Jose J.

Select the students that need a boost to mastery and assign them questions that pertain to that specific standard.

## ALEKS Algorithm at Work

Because *ALEKS* does not use a question bank it allows for:

- An infinite amount of non-multiple choice questions
- Side-by-side work where no two students have the same question
- Teachers can easily extend or reassign an assignment until mastery is achieved
- Up to 5 different PDF versions of an assignment with answer keys can be generated

For more information about *ALEKS*, contact your local sales representative