An Introduction To Reports
Overview

- ALEKS reports are updated in **real time**.

- Offers **instructionally actionable data** to help drive classroom learning.

- All reports can be viewed at the **class** and **individual student** level.

- Provides analytics to **track student progress and growth**.
Class-Level Reports
Student-Level Reports

ALEKS Pic
Direct classroom instruction.

Assignments
View assignment results.

Standards
View ALEKS progress in relation to standards.

Progress
View student progress.

Time & Topic
Gauge student study habits.

QuickTables
View basic math fact progress.

Knowledge Per Slice
View progress in each pie slice.

Timeline
View progress milestones over time.
ALEKS Pie Report

• Class-level report shows average progress and detailed information on what students have learned or mastered, have remaining, and are ready to learn right now.

• Allows instructors to group students based on knowledge and level of readiness.

• Student-level report provides in-depth information on a student’s current and past knowledge.
Class-Level Pie Report
Class-Level Pie Report

ALEKS Table of Contents

Standards

Whole Numbers and Integers

Progress 87%

Fractions

Progress 48%

Equivalent Fractions (Progress 90%)

- Introduction to fractions
  - 100% 0%
  - Ready to Learn 0%
  - Attempted, Not Yet Learned 0%
- Understanding equivalent fractions
  - 100% 0%
  - Ready to Learn 0%
  - Attempted, Not Yet Learned 0%
- Equivalent fractions
  - 100% 0%
  - Ready to Learn 0%
  - Attempted, Not Yet Learned 0%
- Introduction to simplifying a fraction
  - 100% 0%
  - Ready to Learn 0%
  - Attempted, Not Yet Learned 0%
- Simplifying a fraction
  - 100% 0%
  - Ready to Learn 0%
  - Attempted, Not Yet Learned 0%
- Identifying equivalent signed fractions
  - 38% 62%
  - Ready to Learn 28%
  - Attempted, Not Yet Learned 0%

8 students out of 29 (28%) are Ready to Learn this topic.

Green, John C.
Johnson, David V.
Lopes, Karen S.
Nixon, Kelly L.
Olson, Herbert V.
Olson, Ken E.
Vergas, Kevin E.
Waltham, Jane T.
Progress Report

• Shows overall student progress for the class in both Learning and Assessment.

• Allows instructors to view average learning rates, including topics learned per hour.

• Tracks progress across multiple teachers and/or years.
# Class-Level Progress Report

**Number of Students Included in This Report:** 29  
**Logged-in Students:** 0

View each student's progress in Learning Mode since the latest assessment.

<table>
<thead>
<tr>
<th>Student</th>
<th>Total Time</th>
<th>Last Login</th>
<th>Assessment Start</th>
<th>Assessment Finish</th>
<th>Percent Progress</th>
<th>Topics Learned</th>
<th>Time in ALEKS</th>
<th>Topics Learned Per Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albert, Bart V.</td>
<td>61h 53m</td>
<td>07/23/2015</td>
<td>03:04 PM</td>
<td>07/14/2015</td>
<td>49 + 2%</td>
<td>12</td>
<td>5h 20m</td>
<td>2.2</td>
</tr>
<tr>
<td>Albert, Joel V.</td>
<td>60h 48m</td>
<td>07/23/2015</td>
<td>03:04 PM</td>
<td>07/16/2015</td>
<td>59 + 1%</td>
<td>7</td>
<td>3h 22m</td>
<td>2.1</td>
</tr>
<tr>
<td>Black, Troy A.</td>
<td>59h 7m</td>
<td>07/23/2015</td>
<td>03:04 PM</td>
<td>07/16/2015</td>
<td>60 + 2%</td>
<td>14</td>
<td>2h 30m</td>
<td>5.6</td>
</tr>
<tr>
<td>Boziano, Ken V.</td>
<td>47h 2m</td>
<td>07/23/2015</td>
<td>03:04 PM</td>
<td>07/16/2015</td>
<td>60 + 2%</td>
<td>14</td>
<td>2h 30m</td>
<td>5.6</td>
</tr>
<tr>
<td>Boziano, Maria A.</td>
<td>66h 38m</td>
<td>07/23/2015</td>
<td>03:04 PM</td>
<td>07/21/2015</td>
<td>44 + 1%</td>
<td>14</td>
<td>2h 30m</td>
<td>5.6</td>
</tr>
<tr>
<td>Bourbaki, Jose C.</td>
<td>65h 4m</td>
<td>07/23/2015</td>
<td>03:04 PM</td>
<td>07/03/2015</td>
<td>46 + 5%</td>
<td>14</td>
<td>2h 30m</td>
<td>5.6</td>
</tr>
<tr>
<td>Cameron, Jennifer J.</td>
<td>57h 29m</td>
<td>07/23/2015</td>
<td>03:04 PM</td>
<td>07/16/2015</td>
<td>56 + 2%</td>
<td>14</td>
<td>2h 30m</td>
<td>5.6</td>
</tr>
<tr>
<td>Collins, Robert B.</td>
<td>57h 8m</td>
<td>07/23/2015</td>
<td>03:04 PM</td>
<td>07/15/2015</td>
<td>56 + 2%</td>
<td>14</td>
<td>2h 30m</td>
<td>5.6</td>
</tr>
<tr>
<td>Davis, David E.</td>
<td>57h 32m</td>
<td>07/23/2015</td>
<td>03:04 PM</td>
<td>07/16/2015</td>
<td>56 + 5%</td>
<td>14</td>
<td>2h 30m</td>
<td>5.6</td>
</tr>
<tr>
<td>Dixon, Joel T.</td>
<td>66h 55m</td>
<td>07/23/2015</td>
<td>03:04 PM</td>
<td>07/17/2015</td>
<td>49 + 2%</td>
<td>14</td>
<td>2h 30m</td>
<td>5.6</td>
</tr>
</tbody>
</table>
## Student-Level Progress Report

### Jennifer Cameron - Progress Report

#### Middle School Math: Course 2 (Current Class)

<table>
<thead>
<tr>
<th>Knowledge Checks</th>
<th>Start</th>
<th>Finish</th>
<th>Progress</th>
<th>Percent</th>
<th>ALEKS Grade</th>
<th>Topics Learned</th>
<th>Hours in ALEKS</th>
<th>Topics Learned per Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Progress Knowledge Check</td>
<td>Jul 16</td>
<td>Jul 16 32m 18s</td>
<td>56</td>
<td>+3%</td>
<td></td>
<td>14</td>
<td>2.5</td>
<td>5.6</td>
</tr>
<tr>
<td>Progress Knowledge Check</td>
<td>Jul 2</td>
<td>Jul 2 39m 5s</td>
<td>53</td>
<td>+5%</td>
<td></td>
<td>22</td>
<td>6.4</td>
<td>3.4</td>
</tr>
<tr>
<td>Progress Knowledge Check</td>
<td>Jun 19</td>
<td>Jun 18 37m 43s</td>
<td>49</td>
<td>+5%</td>
<td></td>
<td>22</td>
<td>5.8</td>
<td>3.8</td>
</tr>
<tr>
<td>Progress Knowledge Check</td>
<td>Jun 2</td>
<td>Jun 2 31m 28s</td>
<td>47</td>
<td>+4%</td>
<td></td>
<td>21</td>
<td>6.4</td>
<td>3.3</td>
</tr>
<tr>
<td>Progress Knowledge Check</td>
<td>May 21</td>
<td>May 21 31m 27s</td>
<td>44</td>
<td>+4%</td>
<td></td>
<td>22</td>
<td>5.1</td>
<td>4.3</td>
</tr>
<tr>
<td>Progress Knowledge Check</td>
<td>May 8</td>
<td>May 8 34m 19s</td>
<td>40</td>
<td>+4%</td>
<td></td>
<td>20</td>
<td>5.3</td>
<td>3.8</td>
</tr>
<tr>
<td>Progress Knowledge Check</td>
<td>May 1</td>
<td>May 1 31m 27s</td>
<td>40</td>
<td>+1%</td>
<td></td>
<td>9</td>
<td>2</td>
<td>4.4</td>
</tr>
<tr>
<td>Progress Knowledge Check</td>
<td>Apr 16</td>
<td>Apr 16 42m 39s</td>
<td>36</td>
<td>+5%</td>
<td></td>
<td>23</td>
<td>6.4</td>
<td>3.6</td>
</tr>
<tr>
<td>Progress Knowledge Check</td>
<td>Apr 3</td>
<td>Apr 3 44m 15s</td>
<td>34</td>
<td>+4%</td>
<td></td>
<td>20</td>
<td>5.7</td>
<td>3.5</td>
</tr>
<tr>
<td>Initial Knowledge Check</td>
<td>Mar 23</td>
<td>Mar 23 32m 41s</td>
<td>30</td>
<td>+4%</td>
<td></td>
<td>22</td>
<td>5.8</td>
<td>3.8</td>
</tr>
</tbody>
</table>
Time & Topic Report

• Easily see exactly what students are doing while working in ALEKS.

• Tracks time spent on task and progress made in the class.

• View the Learning Sequence Log at the student-level to get detailed information on how a student works through an ALEKS topic.
Class-Level Time & Topic Report

Number of Students: 29  Logged-in Students: 9

Click on the student name to view a detailed report.

| Name (Login|Student Id) | Total Time in ALEKS (hrs) | Last Login | Total Time for data range | Time Log (Number of topics learned / Number of topics attempted) |
|---------------------------------|--------------------------|------------|---------------------------|---------------------------------------------------------------|
| 1.  Abert, Bar V. | 01h 53m 07/23/2015 | 2h 08m (15:17) | 2h 08m (15:17) | 2h 08m (15:17) | 2h 08m (15:17) |
| 2.  Abert, Joel V. | 00h 48m 07/23/2015 | 3h 07m (18:11) | 3h 07m (18:11) | 3h 07m (18:11) | 3h 07m (18:11) |
| 3.  Black, Tracy A. | 09h 07m 07/23/2015 | 2h 38m (18:17) | 2h 38m (18:17) | 2h 38m (18:17) | 2h 38m (18:17) |
| 4.  Bolzane, Ken V. | 07h 02m 07/23/2015 | 3h 48m (7:15) | 3h 48m (7:15) | 3h 48m (7:15) | 3h 48m (7:15) |
| 5.  Bolzane, Marie A. | 05h 38m 07/23/2015 | 4h 04m (7:15) | 4h 04m (7:15) | 4h 04m (7:15) | 4h 04m (7:15) |
| 6.  Bourbaki, Jose O. | 05h 04m 07/23/2015 | 3h 28m (12:17) | 3h 28m (12:17) | 3h 28m (12:17) | 3h 28m (12:17) |
| 7.  Cameron, Jennifer J. | 05h 20m 07/23/2015 | 3h 46m (12:17) | 3h 46m (12:17) | 3h 46m (12:17) | 3h 46m (12:17) |
| 8.  Collins, Robert B. | 05h 06m 07/23/2015 | 3h 19m (11:17) | 3h 19m (11:17) | 3h 19m (11:17) | 3h 19m (11:17) |
| 9.  Davis, David E. | 06h 32m 07/23/2015 | 4h 04m (11:17) | 4h 04m (11:17) | 4h 04m (11:17) | 4h 04m (11:17) |
| 10. Dixon, Joel T. | 06h 55m 07/23/2015 | 4h 20m (11:17) | 4h 20m (11:17) | 4h 20m (11:17) | 4h 20m (11:17) |
| 11. Elison, Jose J. | 07h 21m 07/23/2015 | 4h 30m (11:17) | 4h 30m (11:17) | 4h 30m (11:17) | 4h 30m (11:17) |

Note: Time does not include time spent in QuickTables. See QuickTables Report for this information.
Student-Level Time & Topic Report

Joel Alberti - Time and Topic Report

Week | Month | All
--- | --- | ---
From: 07/13/2015 | To: 07/19/2015

Total for this Period
- 3 Hours
- 2 Minutes
- 11 Learned
- 8 Attempted, Not Learned

Topics

Time (minutes)

07/15/2015: 29m 1s 2 1
Time Spent: Learned: Attempted: Not Learned

Enroll Date: 03/22/2015
Total Time in this Class: 60 Hours 48 Minutes
Hours per Week: 3.4
Student-Level Time & Topic Report

Joel Alberti - Time and Topic Report

Topics

Date | Total for this Period
--- | ---
07/15/2015 | 2 Learned, 1 Attempted, Not Learned, 29 min

Duration | Topic
--- | ---
8:01 AM | 3 min 19sec Identifying proportional relationships in tables by calculating unit rates: Fractions | Learned
8:03 AM | 2 min 49sec Writing equivalent expressions for the volume of a rectangular prism | Learned
8:10 AM | 1 min 36sec Ordering fractions and decimals | Learned

Enroll Date: 03/22/2015
Total Time in Class: 60 Hours
Hours per Week: 48
Standards Report

- Progress monitoring tool to help instructors direct instruction and track student knowledge of each domain of the standards.

- State Standards and/or Common Core State Standards views available.
Class-Level Standards Report

Math 117 / Middle School Math Course 2 - California Common Core State Standards for Grade 7 (2013) Report

Average standard mastery per student

Overall average: 16.4 out of 45 standards mastered
(Number of students: 29)

Group Filter: All Students

Breakdown by strand:

7.RP: Ratios & Proportions (2.5 of 5)
7.NS: The Number System (4.7 of 9)
7.EE: Expressions & Equations (0.5 of 5)
7.G: Geometry (3.0 of 6)
7.SP: Statistics & Probability (3.0 of 11)
Mathematical Practices

A student is considered to have made progress in a standard when she has learned or mastered at least % of the ALEKS topics for that standard. Change this to 50%, 60%, or 70%.

Display Mode: Most Recent Assessment

Select Students: Who Have Worked with ALEKS

Download Summary
# Class-Level Standards Report

**Breakdown by standard**: (You can switch this to Breakdown by Student)

<table>
<thead>
<tr>
<th>7.RP: Ratios &amp; Proportions (2.6 out of 6 standards mastered)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.RP.1: Compute unit rates associated with ratios of fractions</td>
</tr>
<tr>
<td>7.RP.2.a: Decide whether two quantities are in a proportional relationship</td>
</tr>
<tr>
<td>7.RP.2.b: Identify the constant of proportionality (unit rate)</td>
</tr>
<tr>
<td>7.RP.2.c: Represent proportional relationships by equations</td>
</tr>
<tr>
<td>7.RP.2.d: Explain what points on a graph of a proportional relationship mean</td>
</tr>
<tr>
<td>7.RP.3: Use proportional relationships to solve ratio and percent problems</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>7.NS: The Number System (4.7 out of 9 standards mastered)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.NS.1.a: Describe situations in which opposite quantities combine to make 0</td>
</tr>
<tr>
<td>7.NS.1.b: Understand and apply addition of rational numbers</td>
</tr>
<tr>
<td>7.NS.1.c: Understand and apply subtraction of rational numbers</td>
</tr>
<tr>
<td>7.NS.1.d: Apply properties of operations to add and subtract rational numbers</td>
</tr>
<tr>
<td>7.NS.2.a: Understand and apply multiplication of rational numbers</td>
</tr>
<tr>
<td>7.NS.2.b: Understand and apply division of rational numbers</td>
</tr>
<tr>
<td>7.NS.2.c: Apply properties of operations to multiply &amp; divide rational numbers</td>
</tr>
<tr>
<td>7.NS.2.d: Convert a rational number to a decimal using long division</td>
</tr>
<tr>
<td>7.NS.3: Solve problems involving the four operations with rational numbers</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>7.EE: Expressions &amp; Equations (0.5 out of 5 standards mastered)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.EE.1: Add, subtract, factor, and expand linear expressions</td>
</tr>
<tr>
<td>7.EE.2: Understand that rewriting an expression can shed light on a problem</td>
</tr>
<tr>
<td>7.EE.3: Solve problems posed with rational numbers in any form</td>
</tr>
<tr>
<td>7.EE.4.a: Solve word problems leading to equations; solve equations fluently</td>
</tr>
<tr>
<td>7.EE.4.b: Solve word problems leading to inequalities; graph the solution set</td>
</tr>
</tbody>
</table>
7.RP.2.a: Decide whether two quantities are in a proportional relationship, e.g., 58% Progress by testing for equivalent ratios in a table or graphing on a coordinate plane and observing whether the graph is a straight line through the origin.

There are 4 ALEKS topics that correspond to this standard:
- Identifying proportional relationships in tables by calculating unit rates: Whole numbers
- Identifying proportional relationships in tables by calculating unit rates: Fractions
- Identifying proportional relationships in graphs: Basic
- Identifying proportional relationships in graphs: Advanced

The mastery criterion is currently set at %. So a student is considered to have mastered this standard when she has mastered at least 2 of these 4 ALEKS topics.

17 students out of 29 (58%) have mastered at least 2 of these 4 ALEKS topics:
- Albert, Bart V. (3 topics)
- Albert, Joel V. (3 topics)
- Black, Tracy A. (2 topics)
- Bolzano, Ken V. (3 topics)
- Bourbaki, Jose C. (2 topics)
- Collins, Robert B. (4 topics)
- Davis, David E. (3 topics)
- Ellison, Jose J. (3 topics)
- Frankel, Jennifer R. (4 topics)
- Green, John C. (2 topics)
- Mundes, Robert P. (2 topics)
- Nguyen, Tracy T. (2 topics)
- Pascal, Karen J. (3 topics)
- Rodriguez, Kelly J. (2 topics)
- Waltham, Carlos T. (2 topics)
- Waltham, Jane T. (4 topics)
- William, Kelly S. (3 topics)

12 students out of 29 (42%) have not mastered 2 of these 4 ALEKS topics:
- Bolzano, Manola A. (1 topic)
- Cameron, Jennifer J. (1 topic)
- Dixon, Joel T. (1 topic)
- Garf, Kevin (0 topic)
- Johnson, David V. (1 topic)
- Lopes, Karen S. (0 topic)
- Nixon, Kenny L. (1 topic)
- Olsson, Herbert V. (0 topic)
- Olsson, Karen A. (0 topic)
- Olsson, Ken E. (4 topic)
- Vargas, Kevin E. (0 topic)
- Wagner, John J. (1 topic)
Student-Level Standards Report

Joel Alberti - Standards Report

California Common Core State Standards

51%
Overall Progress

7.RP: Ratios & Proportions

66%
4 of 6 Standards

Progress Remaining
4 2

7.NS: The Number System

77%
7 of 9 Standards

Progress Remaining
7 2

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

7.RP: Ratios & Proportions

7.RP.1: Compute unit rates associated with ratios of fractions

There is 1 ALEKS topic that corresponds to this standard

Word problem on unit rates associated with ratios of fractions

Locked

7.RP.2: Decide whether two quantities are in a proportional relationship

There are 4 ALEKS topics that correspond to this standard

Identifying proportional relationships in graphs: Advanced

Identifying proportional relationships in tables by calculating unit rates: Whole numbers

Identifying proportional relationships in tables by calculating unit rates: Fractions

Identifying proportional relationships in graphs: Basic
Additional Reports

- **Knowledge Per Slice Report**: Allows instructors to view students’ progress within each ALEKS Pie slice.

- **Assignments Report**: Allows instructors to view results on Assignments (homework, tests, and quizzes), as well as requested Knowledge Checks and Learning Goals (Pie progress, time, and topic).

- **QuickTables Report**: Shows instructors how much time their students are spending in QuickTables and student progress on each applicable table.

- **Custom Reports**: Allows teachers to easily pull data from existing ALEKS Reports into one Excel spreadsheet and create their own unique reports.