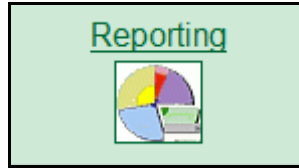


ALEKS®

State Standards Report

The State Standards Report analyzes the current progress of the class in terms of the strands and sub-strands of the applicable state standards.

To view the State Standards Report, first select the class you would like to view and click on the Reporting box to the left.




Next, click on the “Class” link below the Standards icon.

Reporting Print

9th Grade Math 121 / Algebra 1

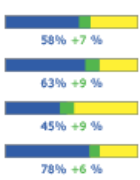
ALEKS Pie ?



100% Mastered 0% Ready To Learn

[Class](#) [Individual](#)
IEP Support

Progress Bar ?




58% +7 %
63% +9 %
45% +9 %
78% +6 %

[Class](#) [Individual](#)


Time & Topic ?

| Mon | Tue | Wed | Total Time (for data range) (T) |
|-----|-----|-----|---------------------------------|
| 14m | 16m | 14m | 1 h 59 m |
| - | - | - | 0 m |
| - | - | - | 0 m |
| - | - | - | 5 m |
| 31m | 14m | - | 1 h 56 m |




[Class](#) [Individual](#)

Knowledge Per Slice ?



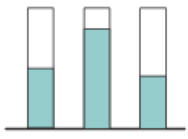
[Class](#) [Individual](#)

Assignments ?



[Class](#) [Individual](#)

Standards ?



[Class](#) [Individual](#)

QuickTables ?

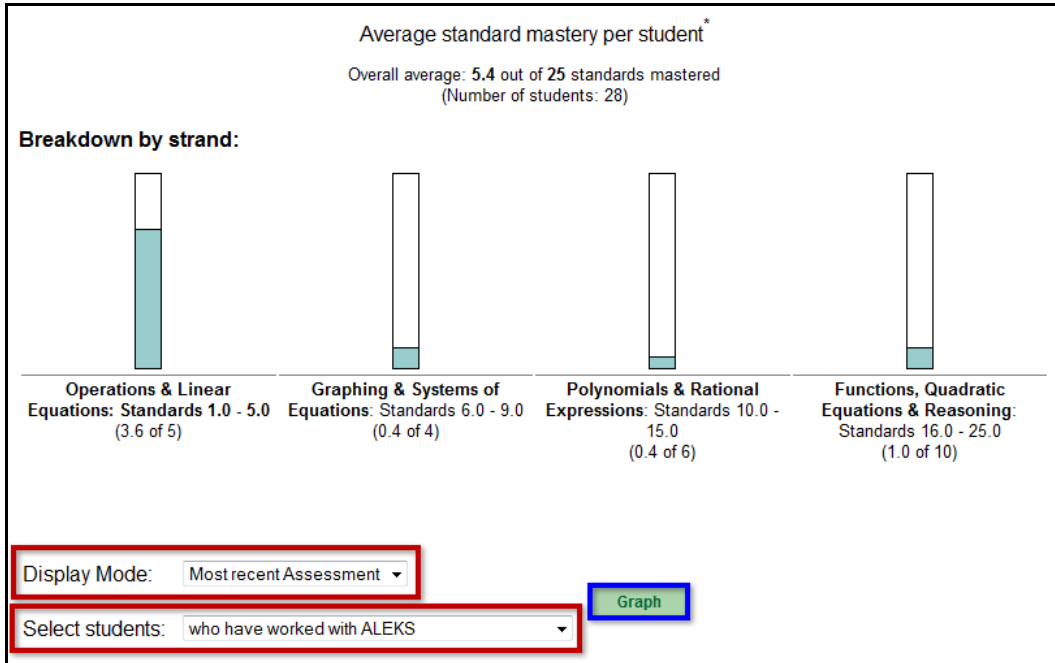
| | | | | | |
|---|---|----|----|----|----|
| × | 1 | 2 | 3 | 4 | 5 |
| 1 | 1 | 2 | 3 | 4 | 5 |
| 2 | 2 | 4 | 6 | 8 | 10 |
| 3 | 3 | 6 | 9 | 12 | 15 |
| 4 | 4 | 8 | 12 | 16 | 20 |
| 5 | 5 | 10 | 15 | 20 | 25 |

[Class](#) [Individual](#)

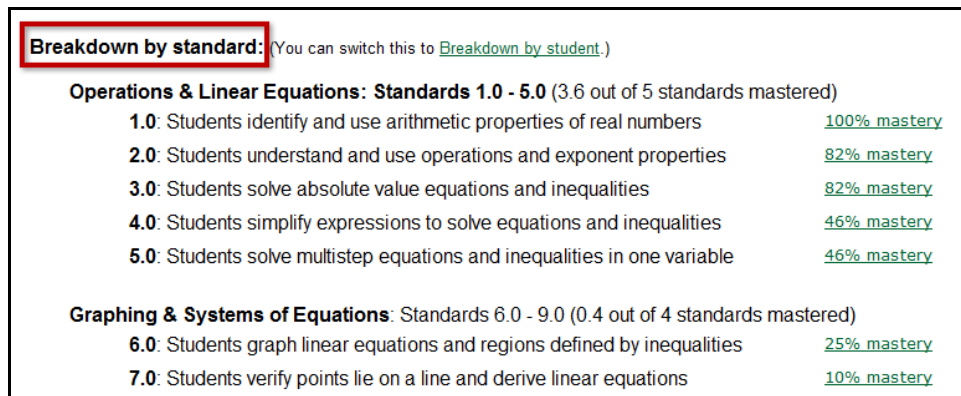
Each strand has a vertical bar graph that shows the mastery of that strand as measured by ALEKS. The numbers beneath each bar indicate the proportion of sub-standards under that strand that have been met by the students.

The drop-down options appearing beneath the bars allow you to choose:

- How the students' mastery of items will be determined: by initial assessment, by most recent assessment, or by most recent work in the Learning Mode.
- Which students will be used to calculate levels of achievement: all students in the class or students who have spent certain amounts of time (10, 20, 40, or 60 hours) using their ALEKS accounts.



Complete detail on standards-based achievement for your class is available under the “Breakdown by standard” section. A list of sub-standards and their corresponding ALEKS topics, along with the current percentage mastery, is provided. To view a list of which of your students have mastered a sub-strand, click on a percentage mastery percent.



To see the ALEKS topics that corresponds with the standard, click on the “ALEKS topics” link.

Graphing & Systems of Equations: Standards 6.0 - 9.0 (0.4 out of 4 standards mastered)

6.0: Students graph a linear equation and compute the x- and y-intercepts (e.g., graph $2x + 6y = 4$). They are also able to sketch the region defined by linear inequality (e.g., they sketch the region defined by $2x + 6y < 4$). [24% mastery](#)

There are [10 ALEKS topics](#) that correspond to this standard.

The mastery criterion is currently set at 50%. So a student is considered to have mastered this standard when she has mastered at least 5 of these 10 ALEKS topics.

6 students out of 25 (24%) have mastered at least 5 of these 10 ALEKS topics.

- Bush, Ken R. (5 topics)
- Clinton, Nicole R. (10 topics)
- Gates, David R. (9 topics)
- Hoffman, Joel L. (10 topics)
- Nguyen, Paul (7 topics)
- Pascal, Herbert (8 topics)

- There are [10 ALEKS topics](#) that correspond to this standard.
- [Graphing a line given the x- and y-intercepts](#)
 - [Graphing a line given its equation in slope-intercept form](#)
 - [Graphing a line given its equation in standard form](#)
 - [Graphing a line through a given point with a given slope](#)
 - [Graphing a vertical or horizontal line](#)
 - [Graphing a linear inequality in the plane: Problem type 1](#)
 - [Graphing a linear inequality in the plane: Problem type 2](#)
 - [Graphing a linear inequality in the plane: Problem type 3](#)
 - [Y-intercept of a line](#)
 - [Finding x- and y-intercepts of a line given the equation in standard form](#)

You can view a sample problem from the list of ALEKS topics by clicking on the topic name. In the sample problem, a question is presented as it is to the student within the blue box. All of the information below the blue box is what the student would see if they click on the “Explain” button.

Absolute value of a number

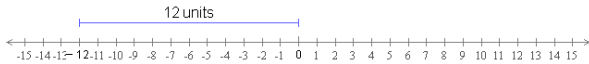
Evaluate the following.

$$|-12| =$$
$$|15| =$$

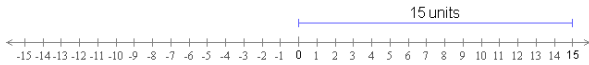
The marks $| |$ around a number indicate the absolute value of the number.

The absolute value of a number is its distance from 0 on the number line.

- $|-12| = 12$



- $|15| = 15$



Here is the answer.

$$|-12| = 12$$
$$|15| = 15$$

You can also click on the “Breakdown by student” link to see a detailed list organized by student name, rather than by standard. To view the sub-strands that have or have not been mastered, click on the student’s mastery percentage.

Breakdown by standard: (You can switch this to [Breakdown by student.](#))

Operations & Linear Equations: Standards 1.0 - 5.0 (3.3 out of 5 standards mastered)

| | |
|--|------------------------------|
| 1.0: Students identify and use arithmetic properties of real numbers | 100% mastery |
| 2.0: Students understand and use operations and exponent properties | 80% mastery |

Breakdown by student: (You can switch this to [Breakdown by standard.](#))

| | |
|---------------------------------|-----------------------------|
| Bolzano, Bart K. (53.3 hours) | 16% mastery |
| Bush, Ken R. (49.2 hours) | 36% mastery |
| Bush, Maria V. (53.8 hours) | 16% mastery |
| Carter, Charles (42.3 hours) | 16% mastery |
| Clinton, Nicole R. (63.3 hours) | 48% mastery |

Using the mastery criterion of 50%, this student has mastered 12 standards out of 25 (48%).

Standards Mastered:

- 1.0: Students identify and use arithmetic properties of real numbers (2 out of 2 topics)
- 2.0: Students understand and use operations and exponent properties (24 out of 25 topics)
- 3.0: Students solve absolute value equations and inequalities (3 out of 4 topics)
- 4.0: Students simplify expressions to solve equations and inequalities (4 out of 4 topics)
- 5.0: Students solve multistep equations and inequalities in one variable (16 out of 17 topics)
- 6.0: Students graph linear equations and regions defined by inequalities (10 out of 10 topics)

In summary, the State Standards Report allows you to view a list of those of your students that have mastered a sub-strand and those that have not. Additionally, it provides individual reports on each student’s knowledge of the standards strands and sub-strands.