



# ALGEBRA 1 KEYSTONE EXAM

2 modules – approximately 85 minutes each

<b>Module 1</b> Operations Linear Equations & Inequalities	<b>Module 2</b> Linear Functions Data Organization
30 Total Points 18 multiple choice ( 1 point each) = 18 pts 3 constructed response (3 items x 4 points each) = 12 pts  Field Test Items (5 multiple choice and 1 constructed response) will also be included.	30 Total Points 18 multiple choice ( 1 point each) = 18 pts 3 constructed response (3 items x 4 points each) = 12 pts  Field Test Items (5 multiple choice and 1 constructed response) will also be included.

Students must score proficient on the entire exam, but not necessarily pass each module. If a student re-takes the exam, the highest score on each module will count.

Assessment Anchors and Eligible Content are available on [www.pdesas.org](http://www.pdesas.org) (Assessments...Keystone Exams...Mathematics)

The **Algebra 1 Formula sheet** is available at [www.pdesas.org](http://www.pdesas.org) (Assessments...Keystone Exam...Mathematics). Students should use this now and become familiar with it!

Calculators will be allowed (as per PDE Calculator policy)

## Constructed Response Information

The Algebra I Keystone Exam will have **two different types of constructed-response questions** (i.e. open-ended). Both types of constructed-response questions will be worth 4 points each. There are examples of each type in the item sampler (see below).

- Scaffolding Completion Questions** are constructed-response questions that elicit two-to-four distinct responses from a student. Some examples of student responses may be *5 gallons*, *vertex at (5, 11)*, or  $y = 3x + 9$ . A designated answer space/box will be provided for each part of the question. No extraneous work or explanation will be scored. To the greatest extent possible, automated scoring will be used to determine the point value of the responses. When applicable, Inferred Partial Credit Rubrics and Scoring Guides will be used to award partial credit to qualifying responses.
- Extended Scaffolding Completion Questions** are constructed-response questions that require students to respond with extraneous work or explanation for at least part of the question. For example, the student may be asked to "Show all of your work," "Explain why the curve is not a parabola," or "What is the error in Jill's reasoning?" Question-specific scoring guides will be used by scorers to award credit, including partial credit, for responses.

## View Sample Test Questions!

Use the Item Sampler available online to see samples of multiple choice and open-ended items and scoring. You can use these sample items in your classroom as appropriate. There were new samples released in 2018.

[www.education.pa.gov](http://www.education.pa.gov)

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