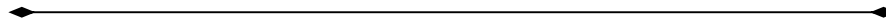
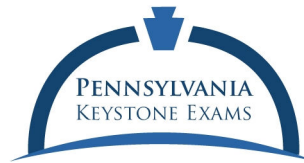


Keystone Exams Test Definition

Mathematics



**Designs for
Algebra I**



ALGEBRA I

The Algebra I Keystone Exams will consist of two modules as outlined below.

Module 1—Operations and Linear Equations & Inequalities

Module 2—Linear Functions and Data Organization

Algebra I Module Design

| Algebra I | Module 1 % of points | Module 2 % of points |
|-----------|----------------------------|----------------------------|
| | 50% 18 Eligible Content | 50% 15 Eligible Content |

The Algebra I Keystone Exams will measure the Algebra I Assessment Anchors as defined by the Eligible Content and will be aligned to the Concepts and Competencies.

| Module 1—Operations and Linear Equations & Inequalities | |
|---|------------------|
| Core MC items | 18 points |
| 3 core 4 pt.-CR items | 12 points |
| Total | 30 points |

| Module 2—Linear Functions and Data Organization | |
|---|------------------|
| Core MC items | 18 points |
| 3 core 4 pt.-CR items | 12 points |
| Total | 30 points |

There will be a total of 60 points (Module 1 and Module 2 combined) with approximately 60% MC items and 40% CR items.

The operational plan is provided in the chart below.

Algebra I Module Plan (no. of items)

| Algebra I | Module 1 | | Module 2 | | Algebra I Total | | Estimated Time (Module 1 and Module 2) | | | |
|-------------|----------|----------|----------|----------|-----------------|----------|--|-----------------|-------------------|--|
| | 50% | | 50% | | 100% | | Core Only | Field Test Only | Core & Field Test | |
| | MC Items | CR Items | MC Items | CR Items | MC Items | CR Items | | | | |
| Core | 18 | 3 | 18 | 3 | 36 | 6 | 114 minutes | 35 minutes | 149 minutes | |
| FT | 5 | 1 | 5 | 1 | 10 | 2 | | | | |
| Core Points | 60% | 40% | 60% | 40% | 60% | 40% | | | | |
| | | | | | Total | 46 | 8 | | | |

Algebra I Test Book and Answer Book Section Layout

Algebra I Section Layout Plan

| Algebra I | Module | Number of MC | Estimated MC Item Breakdown | Number of CR | Estimated CR Item Breakdown | Testing Time | Administration Time |
|-----------|--------|--------------|---|--------------|--|--------------|---------------------|
| Algebra I | 1 | 23 | 18—Common (Core) Items 5—Embedded Field Test Items | 4 | 3—Common (Core) Items 1—Embedded Field Test Items | 75 | 85 |
| | 2 | 23 | 18—Common (Core) Items 5—Embedded Field Test Items | 4 | 3—Common (Core) Items 1—Embedded Field Test Items | 75 | 85 |