



Algebra I Keystone Exam
 Tuesday, 5/14/19 – Module 1
 Wednesday, 5/15/19 – Module 2
 7:45 – 9:40

Course	Module	Multiple-Choice Questions	Constructed-Response Questions	Estimated Time Needed (in minutes)		
				Administrative Tasks	Actual Exam	Total Administration
Algebra I	1	23	4	10–15	75	85–90
Algebra I	2	23	4	10–15	75	85–90

*Multiple Choice - 1 point each, four choices, 60% of your points *Constructed Response - 4 points each, 40% of your points

Keystone Exam Scale Score Ranges

Content Area	BELOW BASIC	BASIC	PROFICIENT	ADVANCED
Algebra I	1200–1438	1439–1499	1500–1545	1546–1800
Biology	1200–1459	1460–1499	1500–1548	1549–1800
Literature	1200–1443	1444–1499	1500–1583	1584–1800

January Testing – Anticipate scores in March

May Testing – Anticipate scores in July

Reminders

- You will receive a test booklet containing multiple choice questions and an answer booklet to bubble in your answers. The answer booklet will also contain constructed response questions.
- You will be permitted to use scratch paper and write in the test booklet. Your final answers will have to be marked in the answer booklet.
- Don't forget to use the Formula Sheet!
- Read each question carefully. Underline important words, draw diagrams, organize information.
- Do not leave any answers blank. Try to eliminate choices, work backwards by substituting answers back into the problem, and guess if you have to.
- For constructed response questions, keep your work inside each box. Any work outside of the box will not be graded.
- The Algebra I Keystone Exam is not a timed test. You will have as much time as you need.
- Make sure you have your calculator!
- Due to state regulations, all electronic devices (including but not limited to cell phones, cameras, smart watches, Fitbits, tablets, etc.) will be collected during the testing sessions.
- After you finish taking your test, you will only be permitted to read or sit quietly until the testing session is over.

Module 1 (Operations and Linear Equations & Inequalities)

Summary of what to expect...

- Expressions involving exponents, square roots, absolute value
- Ordering Numbers
- Order of Operations/Evaluating Expressions
- Polynomials – Adding, Subtracting, Multiplying, Factoring
- Simplifying Rational Expressions
- Systems of Equations
- Inequalities – Solving, Graphs (Number line & Coordinate Plane), Absolute Value, Systems
- Writing linear equations given points, a table, a graph
- Word problems involving linear equations
- GCF and LCM

Module 2 (Linear Functions and Data Organizations)

Summary of what to expect...

- Functions, Domain, Range
- Word problems involving linear equations
- Writing linear equations given points, a table, a graph
- Scatter Plots and Line of Best Fit
- Statistics
- Data Analysis – Answer questions about bar graphs, pie charts, stem and leaf plots, box-and-whisker
- Probability