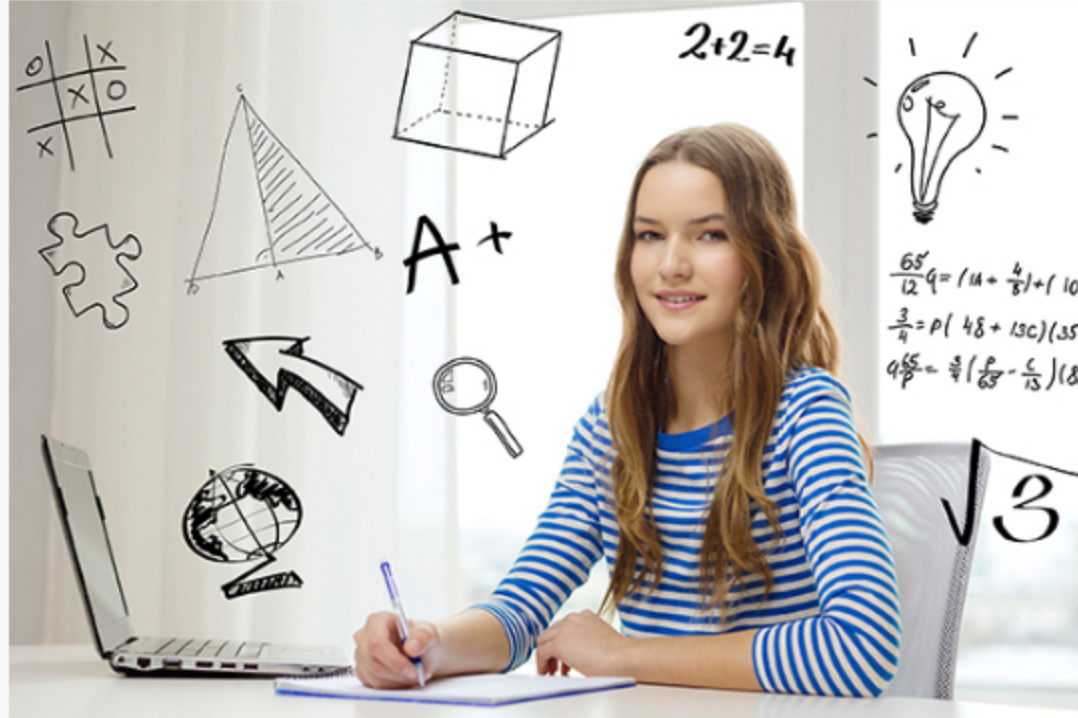


Integrated Math 1, Part 2



How to Take This Course

Complete all the quizzes and the assignment in each unit. Once the quizzes for a unit are complete, you will have access to the unit test. You will have access to the final exam when all of the unit tests are complete, and the assignments are completed and graded.

Please allow for 2-3 days per assignment for grading. Read the full course instructions so you understand how this course works.

- [How This Course Works](#)
- [Instructions for this Course](#)
- [Ask The Teacher](#)

Unit 1: Statistics and Data Analysis

- 1.1 Mean, Median, Mode, Range, and Standard Deviation
 - 1.1 Quiz
- 1.2 Box and Whisker Plot
 - 1.2 Quiz
- 1.3 Distributions - Right, Left, and Zero Skewed
 - 1.3 Quiz
- 1.4 Two Way Tables
 - 1.4 Quiz
- 1.5 Quantitative vs. Qualitative Data
 - 1.5 Quiz
- Unit 1 Assignment

Unit 2: An Intro to Geometry

 2.1 Points, Lines, Rays, Segments, and Planes

 2.1 Quiz



 2.2 Line Segments - Distance and the Segment Addition Postulate


 2.2 Quiz



 2.3 The Distance Formula

 2.3 Quiz



 2.4 The Midpoint Formula


 2.4 Quiz



 2.5 The Coordinate Plane - Area and Perimeter

 2.5 Quiz



 2.6 Types of Angles

 2.6 Quiz



 2.7 Pairs of Angles


 2.7 Quiz



 Unit 2 Assignment



Unit 3: Perimeter and Area

 3.1 Perimeters of Polygons


 3.1 Quiz



 3.2 Areas of Triangles

 3.2 Quiz



 3.3 Areas of Parallelograms


 3.3 Quiz



 3.4 Areas of Trapezoids


 3.4 Quiz



 3.5 Areas of Rhombus and Kites

 3.5 Quiz



 3.6 Areas of Regular Polygons

 3.6 Quiz



 Unit 3 Assignment



Unit 4: Proofs and Reason

 4.1 Conditional Statements, Converse, Inverse, and Contrapositives

 4.1 Quiz














 4.2 Inductive vs. Deductive Reasoning














| | |
|---|--------------------------|
|  4.2 Quiz | <input type="checkbox"/> |
|  4.3 Point, Line, and Plane Postulates | <input type="checkbox"/> |
|  4.3 Quiz | <input type="checkbox"/> |
|  4.4 Reflexive, Symmetric, and Transitive Properties | <input type="checkbox"/> |
|  4.4 Quiz | <input type="checkbox"/> |
|  4.5 Types of Proofs - Two Column, Flowchart, & Paragraph | <input type="checkbox"/> |
|  4.5 Quiz | <input type="checkbox"/> |
|  Unit 4 Assignment | <input type="checkbox"/> |

Unit 5: Parallel vs. Perpendicular Lines

| | |
|---|--------------------------|
|  5.1 Parallel, Perpendicular, & Skew Lines Defined | |
|  5.1 Quiz | <input type="checkbox"/> |
|  5.2 Parallel Lines & Transversals - The Angles They Form | <input type="checkbox"/> |
|  5.2 Quiz | <input type="checkbox"/> |
|  5.3 Identifying Parallel and Perpendicular Lines | <input type="checkbox"/> |
|  5.3 Quiz | <input type="checkbox"/> |
|  5.4 Writing Linear Equations - Parallel Lines | <input type="checkbox"/> |
|  5.4 Quiz | <input type="checkbox"/> |
|  5.5 Writing Linear Equations - Perpendicular Lines | <input type="checkbox"/> |
|  5.5 Quiz | <input type="checkbox"/> |
|  Unit 5 Assignment | <input type="checkbox"/> |

Unit 6: Transformations and Graphs

| | |
|--|--------------------------|
|  6.1 Translations | |
|  6.1 Quiz | <input type="checkbox"/> |
|  6.2 Rotations | <input type="checkbox"/> |
|  6.2 Quiz | <input type="checkbox"/> |
|  6.3 Dilations | <input type="checkbox"/> |
|  6.3 Quiz | <input type="checkbox"/> |
|  6.4 Reflections | <input type="checkbox"/> |
|  6.4 Quiz | <input type="checkbox"/> |
|  6.5 Compositions of Transformations | <input type="checkbox"/> |
|  6.5 Quiz | <input type="checkbox"/> |
|  Unit 6 Assignment | <input type="checkbox"/> |

Unit 7: Triangles

| | |
|---|--|
|  7.1 Types of Triangles | |
|---|--|

| | |
|--|--------------------------|
|  7.1 Quiz | <input type="checkbox"/> |
|  7.2 Congruent Polygons | <input type="checkbox"/> |
|  7.2 Quiz | <input type="checkbox"/> |
|  7.3 Equilateral and Isosceles Triangles | <input type="checkbox"/> |
|  7.3 Quiz | <input type="checkbox"/> |
|  7.4 Proving Triangles Congruent by SSS and ASA | <input type="checkbox"/> |
|  7.4 Quiz | <input type="checkbox"/> |
|  7.5 Proving Triangles Congruent by SAS, HL, and AAS | <input type="checkbox"/> |
|  7.5 Quiz | <input type="checkbox"/> |
|  7.6 CPCTC | <input type="checkbox"/> |
|  7.6 Quiz | <input type="checkbox"/> |
|  Unit 7 Assignment | <input type="checkbox"/> |


Final Exam

Complete all of the unit tests **and** the assignments in this course. Once complete, the final exam will appear below the practice final.

Warning: You have only ONE attempt at the final. You must score 60% or higher in the final to receive credit for the course!

Are you ready to take the final? We highly recommend you take the practice final first and if you are weak in any area, review the relevant course material again. You have unlimited attempts at the practice final; it will help you to prepare.

Good Luck!!

| | |
|---|--------------------------|
|  Practice Final | <input type="checkbox"/> |
|---|--------------------------|


Certificate of Completion

The "Certificate" and "Request a Course Completion Record" links below are not active, they cannot be accessed until you have achieved at least 60% on both the final and for the course total. Upon satisfying these two requirements, the links will become active and you can use them.

Before you go, we would appreciate your opinion on the course, please take 1 minute to complete the feedback form. We hope you enjoyed this course!


 [Course Feedback](#)

Thank you for taking this course! Let us know what you think about it.

 [Request a Course Completion Record](#)

Restricted Not available unless:

- You achieve a required score in **Course total**
- You achieve a required score in **Final Exam**

 [Certificate of Completion](#)

Restricted Not available unless:

- You achieve a required score in **Course total**
- You achieve a required score in **Final Exam**