

Summer Bridge - from Algebra I to Geometry

It is expected that students should have mastered basic math facts (including multiplication tables through 12 and operations with decimals, fractions, and integers), **as well as basic geometry formulas** (including area of circles, triangles, and quadrilaterals) and **basic algebraic operations** (including solving and graphing linear and quadratic equations and inequalities).

Below is the link for online chapter tests from Glencoe Algebra I. Completing these over the summer will ensure a smooth transition into Glencoe Geometry in the fall. Whether or not you completed Glencoe Algebra I or another curriculum, these exercises will be beneficial to you over the summer.

<http://glencoe.mcgraw-hill.com/sites/0078884802/sitemap.html?resource=chaptertest>

(Following the link, you will see the chapters listed as below.)

Chapter Test

- [Chapter 0: Preparing for Algebra](#)
- [Chapter 1: Expressions, Equations, and Functions](#)
- [Chapter 2: Linear Equations](#)
- [Chapter 3: Linear Functions](#)
- [Chapter 4: Linear Functions and Relations](#)
- [Chapter 5: Linear Inequalities](#)
- [Chapter 6: Systems of Linear Equations and Inequalities](#)
- [Chapter 7: Polynomials](#)
- [Chapter 8: Factoring and Quadratic Equations](#)
- [Chapter 9: Quadratic and Exponential Functions](#)
- [Chapter 10: Radical Functions and Geometry](#)
- [Chapter 11: Rational Functions and Equations](#)

Instructions:

For each chapter (excluding chapter 12), please

1. Complete the online test and click 'check it' at the bottom of the test.
2. If you are unsure of how to work a problem, use the 'Program Resources' and 'Lesson Resources' in the left hand column of your screen. The 'Math Review' listed under 'Additional Resources' may also be helpful.