

## Algebra II & Algebra III – Summer Math Prep

Welcome to Algebra II or Algebra III! Working on these fundamentals will help you prepare for the challenge that lies ahead. **Please set up your account with Khan Academy ([www.khanacademy.org](http://www.khanacademy.org)) and add me (using [jskinner@westburychristian.org](mailto:jskinner@westburychristian.org)) as your coach so I may see your progress.**

School begins on Thursday, August 14. Summer Math Prep will be due Monday, August 18. An assessment (test) will be given on Tuesday, August 19. Half (50%) of that test grade will be based on your completion of the Summer Math Prep assignment, with the other half (50%) based on how well you do on the test. Calculators will not be allowed on the assessment, so I advise you not to use a calculator when completing the assignments.

Your assigned practice sets are listed below and will be noted on the Khan Academy website with a star inside a circle. When you complete each practice set, I, as your “coach,” will be notified automatically. You do not need to turn anything in, but I recommend you print the checklist below to better track your progress.

If you struggle with a task, use the instructional videos. Also, if a practice set was difficult or your score was low, choose “Practice Again.” Mastery is the objective!

*Mr. Skinner*

To begin, log in to your Khan Academy account and search for the appropriate title or click the link provided below. Please make sure you are logged in as you complete the assignments, so Khan Academy can notify me as you complete them.

Date		Assignment
	1.	Multiplying Binomials 1 <a href="https://www.khanacademy.org/math/algebra/multiplying-factoring-expression/multiplying-binomials/e/multiplying_expressions_0.5">https://www.khanacademy.org/math/algebra/multiplying-factoring-expression/multiplying-binomials/e/multiplying_expressions_0.5</a>
	2.	Multiplying Binomials 2 <a href="https://www.khanacademy.org/math/algebra/multiplying-factoring-expression/multiplying-binomials/e/multiplying_expressions_1">https://www.khanacademy.org/math/algebra/multiplying-factoring-expression/multiplying-binomials/e/multiplying_expressions_1</a>
	3.	Factoring Linear Binomials <a href="https://www.khanacademy.org/math/algebra/multiplying-factoring-expression/Factoring-simple-expressions/e/factoring_linear_binomials">https://www.khanacademy.org/math/algebra/multiplying-factoring-expression/Factoring-simple-expressions/e/factoring_linear_binomials</a>
	4.	Factoring Quadratics 1 <a href="https://www.khanacademy.org/math/algebra/multiplying-factoring-expression/multiplying-quadratics/e/factoring_quadratics_1">https://www.khanacademy.org/math/algebra/multiplying-factoring-expression/multiplying-quadratics/e/factoring_quadratics_1</a>

		<a href="#"><u>factoring-expression/factoring-quadratic-expressions/e/factoring_polynomials_1</u></a>
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Date		Assignment
	5.	Factoring Quadratics 2 <a href="https://www.khanacademy.org/math/algebra/multiplying-factoring-expression/factoring-quadratic-expressions/e/factoring_polynomials_2">https://www.khanacademy.org/math/algebra/multiplying-factoring-expression/factoring-quadratic-expressions/e/factoring_polynomials_2</a>
	6.	Factoring Polynomials by Grouping <a href="https://www.khanacademy.org/math/algebra/multiplying-factoring-expression/factoring-by-grouping/e/factoring_polynomials_by_grouping_1">https://www.khanacademy.org/math/algebra/multiplying-factoring-expression/factoring-by-grouping/e/factoring_polynomials_by_grouping_1</a>
	7.	Factoring Quadratics with Two Variables <a href="https://www.khanacademy.org/math/algebra/multiplying-factoring-expression/factoring-quadratics-in-two-vari/e/factoring_polynomials_with_two_variables">https://www.khanacademy.org/math/algebra/multiplying-factoring-expression/factoring-quadratics-in-two-vari/e/factoring_polynomials_with_two_variables</a>
	8.	Adding and Subtracting Polynomials <a href="https://www.khanacademy.org/math/algebra/multiplying-factoring-expression/polynomial_basics/e/adding_and_subtracting_polynomials">https://www.khanacademy.org/math/algebra/multiplying-factoring-expression/polynomial_basics/e/adding_and_subtracting_polynomials</a>
	9.	Multiplying Polynomials <a href="https://www.khanacademy.org/math/algebra/multiplying-factoring-expression/multiplying_polynomials/e/multiplying_polynomials">https://www.khanacademy.org/math/algebra/multiplying-factoring-expression/multiplying_polynomials/e/multiplying_polynomials</a>
	10.	Proportions 1 <a href="https://www.khanacademy.org/math/algebra/ratio-proportion-topic/ratios_algebra/e/proportions_1">https://www.khanacademy.org/math/algebra/ratio-proportion-topic/ratios_algebra/e/proportions_1</a>
	11.	Proportions 2 <a href="https://www.khanacademy.org/math/algebra/ratio-proportion-topic/ratios_algebra/e/proportions_2">https://www.khanacademy.org/math/algebra/ratio-proportion-topic/ratios_algebra/e/proportions_2</a>
	12.	Two-Step Equations <a href="https://www.khanacademy.org/math/algebra/solving-linear-equations-and-inequalities/equations_beginner/e/linear_equations_2">https://www.khanacademy.org/math/algebra/solving-linear-equations-and-inequalities/equations_beginner/e/linear_equations_2</a>
	13.	Equations with Variables on Both Sides <a href="https://www.khanacademy.org/math/algebra/solving-linear-equations-and-inequalities/basic-equation-practice/e/linear_equations_3">https://www.khanacademy.org/math/algebra/solving-linear-equations-and-inequalities/basic-equation-practice/e/linear_equations_3</a>
	14.	Understanding the Process for Solving Linear Equations <a href="https://www.khanacademy.org/math/algebra/solving-linear-equations-and-inequalities/basic-equation-practice/e/understanding-the-process-for-solving-linear-equations">https://www.khanacademy.org/math/algebra/solving-linear-equations-and-inequalities/basic-equation-practice/e/understanding-the-process-for-solving-linear-equations</a>