



 **How to join Mr. Lum’s**

 **Khan Academy class**

1. Sign up at [**khanacademy.org**](https://www.khanacademy.org)

(or log in if you already have an account).

1. Visit [**khanacademy.org/coaches**](https://www.khanacademy.org/profile/clumanglas/coaches)

(the “Coaches” tab in your profile.

1. In the “Add a coach” field, enter the class code.

*Class code:* **BT3NXK**

You’re set. Now click **Home** to start learning!



*Students master different skills at different speeds. No two students learn exactly the same way at the same time. At some point you will be expected to perform certain skills accurately. Most of the Checkpoint problems incorporate skills that you should have developed in previous courses. If you have not mastered these skills yet it does not mean that you will not be successful in this class. However, you may need to do some work outside of class to get caught up on them.*

*Remember, looking is not the same as doing! You will never become good at any sport by just watching it, and in the same way, reading through the worked examples and understanding the steps is not the same as being able to do the problems yourself. How many of the extra practice problems do you need to try? That is really up to you. Remember that your goal is to be able to do similar problems on your own confidently and accurately. This is your responsibility.*

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| **Checkpoint Topics** |
|   2A.     [Finding the Distance Between Two Points and the Equation of a Line](https://www.khanacademy.org/math/basic-geo/basic-geo-pythagorean-topic/basic-geo-pythagorean-theorem/v/distance-formula) |
|   2B.     [Solving Linear Systems in Two Variables](https://www.khanacademy.org/math/algebra-basics/core-algebra-systems/core-algebra-systems-tutorial/v/solving-linear-systems-by-graphing) |
|   3A.     [Rewriting Expressions with Integral and Rational Exponents](https://www.khanacademy.org/math/algebra/rational-exponents-and-radicals/introduction-to-rational-exponents-and-radicals/v/basic-fractional-exponents) |
|   3B.     [Using Function Notation and Identifying Domain and Range](https://www.khanacademy.org/math/algebra2/functions-and-graphs/domain_range/v/domain-of-a-function) |
|  4B.     [Solving For One Variable in an Equation with Two or More Variables](https://www.khanacademy.org/math/algebra/solving-linear-equations-and-inequalities/solving_for_variable/v/rearrange-formulas-to-isolate-specific-variables) |
|   5A.     [Multiplying Polynomials](https://www.khanacademy.org/math/algebra/introduction-to-polynomials-and-factorization/multiplying-polynomials-by-binomials/v/multiplying-binomials) |
|   5B.     [Factoring Quadratics](https://www.khanacademy.org/math/algebra-basics/quadratics-polynomials-topic/solving-quadratics-factoring/v/factoring-quadratic-expressions) |
|   6A.     [Multiplying and Dividing Rational Expressions](https://www.khanacademy.org/math/algebra2/rational-expressions-equations-and-functions/multiplying-and-dividing-rational-expressions/v/multiplying-and-dividing-rational-expressions-2) |
|   6B.     [Adding and Subtracting Rational Expressions](https://www.khanacademy.org/math/algebra2/rational-expressions-equations-and-functions/adding-and-subtracting-rational-expressions) |
|   7A.     [Finding *x*- and *y*-Intercepts of a Quadratic Function](https://www.khanacademy.org/math/algebra/quadratics/graphing-quadratic-functions/v/graphing-a-parabola-using-roots-and-vertex) |
|   7B.     [Completing the Square to Find the Vertex of a Parabola](https://www.khanacademy.org/math/algebra/quadratics/solving-quadratics-by-completing-the-square/v/ex1-completing-the-square) |
|   8A.     [Solving and Graphing Inequalities](https://www.khanacademy.org/math/algebra-basics/core-algebra-graphing-lines-slope/core-algebra-graphing-linear-inequalities/v/solving-and-graphing-linear-inequalities-in-two-variables-1) |
|   8B.     [Solving Complicated Equations](https://www.khanacademy.org/math/algebra/solving-linear-equations-and-inequalities/complicated_equations) |
|   9A.     [Writing and Solving Exponential Equations](https://www.khanacademy.org/math/algebra2/logarithms-tutorial/logarithm_basics/v/exponential-to-logarithmic-form) |
|   9B.     [Finding the Equation for the Inverse of a Function](https://www.khanacademy.org/math/algebra2/manipulating-functions/finding-inverse-functions/v/introduction-to-function-inverses) |
|    10.    [Rewriting Expressions and Solving Equations with Logarithms](https://www.khanacademy.org/math/algebra2/logarithms-tutorial/logarithm_properties/v/logarithmic-equations) |
|    11.    [Solving Rational Equations](https://www.khanacademy.org/math/algebra2/rational-expressions-equations-and-functions/solving-rational-equations/v/ex-1-multi-step-equation)   |
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