

Integrated Math 2

Unit Topic: Quadratic Equations and Functions

General Instructions for Parents: This packet contains review topics to help fortify your student's learning for this course. Students may feel free to use their textbook, prior notes, and other resources used during the year. This packet of materials is meant to support student learning that has already taken place. It will not be counted--toward or against a student's grades. Do not have your student spend more than one hour on any one day's assignment.

Here is a [printable packet](#) with all Integrated 2 activities listed below.

General Instructions for Students: As you complete your daily work, you may find that you have questions or points of confusion. You may find using Khan Academy will help support you in any areas you find troublesome. Contact your teacher with any questions for which you are unable to find answers. Do not spend more than one hour on any one day's assignment.

Day	Lesson Topic	Student Activities
Day 1	Intro to Factoring	Pages 2-3
Day 2	Factoring Quadratic Equations	Pages 4-7
Day 3	Factoring Out GCFs; Difference of Squares	Pages 8-10
Day 4	Graphing Quadratic, Part 1	Pages 11-13
Day 5	Vertices and Axes of Symmetry	Pages 14-17
Day 6	Finding Solutions	Pages 18-21
Day 7	Using the Discriminant and the Quadratic Formula	Pages 22-26
Day 8	Graphing Quadratic Equations, Part 2	Pages 27-33
Day 9	Picking Methods and Solving Word Problems	Pages 34-40
Day 10	Wrap It Up: Quadratics	Pages 41-42

Additional Math Resources

- Khan Academy: [How to set up a new user](#)
- Khan Academy: [Parent Quick Start Guide](#)

Additional Resources for Enrichment

- [Big Future - explore colleges & careers](#)
- [Advanced Placement \(AP\) - info & AP Classroom resources](#)
- [Naviance - all kinds of resources to explore](#)
- [SAT - info & practice test & Khan Academy prep](#)
- [PSAT - info & prep](#)