

Home Learning Week 2 – PRE-CALC

In week 1, I wanted people to focus on cleaning up things we had left over from before we started our home learning and work on an independent investigation we will come back to later in the semester. For now, I hope the investigation gave some reminders about quadratic functions, but also perhaps brought up new questions as well!

In week 2, we will take a step back to some work with quadratic functions. This will include using some strategies that might be old to you, but also some new ones as well! We will be working on both some special cases of quadratics as well as some more general strategies. This work will all be completed on Khan Academy which at this point you should all be signed up for since you did work last week 😊

The goals for this week are:

1. Reinforce what we know about solving quadratic functions
2. Focus on solving when you have a perfect square or difference of squares
3. Solving by taking a square root
4. Solve by completing the square

Here is a breakdown of how you could tackle the work. Each day will cover part or one of the topics above.

Day	What you should get done
Monday	Factoring quadratics with a common factor
Tuesday	Factoring quadratics with a difference of squares
Wednesday	Factoring quadratics with a perfect square
Thursday	Solve quadratics by taking a square root
Friday	Completing the square

In terms of getting support on this work I am available by email during the day and **will always have an "after school" help meeting each day from 1:00-2:30**. if this time does not work for you feel free to reach out and we can schedule another time to meet.

What is due on Monday 3/30 at 8:00

Completion of all Khan Academy work with each practice section reaching a score of at least 75