

Solving Quadratic Equations Project

You are creating a project showing examples of strategies covered in Unit 3 on solving Quadratic Functions. You will be working with a partner to complete this project. Your partner will be assigned by the teachers.

Each project is to have the following:

- _____ Title your paper and write your individual names.
- _____ Visual Representation - (paper or electronically created) such as a brochure, newsletter, poster board, display board, Google Slides, Prezi, or any other approved form.
- _____ Provide a definition of your function using your notes.
(not your phone or Google)
 - Solve Quadratics by Factoring – **page 30 & 31**
 - Solve Quadratics by the Quadratic Formula - **page 32**
 - Solve Quadratics by Completing the Square - **page 33**
- _____ Write the basic form of equations used to solve your function.
(no numbers...just variables)
 - Standard Form
 - Vertex Form
 - Factored Form
- _____ Using your notes, classwork assignments, or online practice problems, provide important steps used to solve the quadratic.
- _____ Create two separate quadratic equations. For each equation, you should show the following:
 - _____ List the method being used to solve - assigned above
(x-method, quadratic formula or process of completing the square)
 - _____ Label or identify any pieces prior to solving using the method assigned.
 - _____ Show work in order to solve the quadratic equation
(remember - no work no credit).
 - _____ Provide answers to the problem.
- _____ Make sure your presentation is neat, legible and presentable.