

FORMATTING: See Writing Project #1.

RESOURCES: Go to the Writing Projects and slurp up the videos and notes. Often, the notes, alone, are the most efficient way to get a handle on things.

<http://www.harryzaims.com/121-online/videos/03-Writing-Projects/Writing-Project-2/>

Project #2: Completing the square and graphing parabolas.

Complete the square to re-write the following quadratic functions in the form $y = a(x - h)^2 + k$, and graph, as demonstrated in the example videos for this project:

1. $x^2 - x - 6$

2. $x^2 - 6x + 10$

3. $-x^2 + 6x - 10$

4. $x^2 - 10x + 23$

5. $4x^2 - 12x + 6$