

## Class Discussion

### Unit 2 Topic 1 Part 1 Review of a Quadratic Function

Objective: Graph of a quadratic function and find a quadratic function

Ex1: Graph  $f(x) = x^2 - 6x + 8$

Ex2: Find a quadratic function with vertex @  $(-2,1)$  that passes through  $(2,0)$

Ex3: Graph both  $f(x) = \frac{3}{4}x^2 - \frac{3}{2}x - \frac{13}{4}$  and  $g(x) = \frac{1}{4}(x-3) - 1$  on the same coordinate plane. Find the intersections between  $f$  and  $g$  algebraically.