HW: Before you attack a problem that contains a quadratic function, observe which form (standard, vertex, or intercept) the function is in. Each form has its own benefits!

PART 1 Due 9/29 Fri B day       and 10/2 Mon A day

- Graph the following quadratics. Pay attention to extra instructions for each that tell you to label important parts of the parabola.  
  - Pg. 6 # 22, 25  
  - Pg. 7 #48  
  - Pg.15 # 3, 10, 16
On your own paper, now see if you can answer some questions in general about quadratics. You will need to apply what we discussed in our notes. Again, think about what form the quadratic equation is in. Each form has its own benefits. You should not graph the equations to answer these questions. Show any necessary work!

Pg. 6-7 #2, 19, 20, 33, 35, 39, 40, 44-46, 53

Pg. 15-16 #2, 23, 27, 30, 35, 38, 41, 49

PART 2 Due 10/3 Tues B day and 10/4 Wed A day

Can you understand the forms of quadratics in real world situations? You should not graph the equations to answer these questions. Show any necessary work!

Pg. 8 (55 - 59ac graph not needed to find max) Pg. 16 (51-53, 55ab)

1.1, 1.2 Quiz will be 10/3 Tues B day and 10/4 Wed A day