YOU CAN (WITHOUT A CALCULATOR) …

Solve a quadratic equation (or find the zeroes), including those with imaginary solutions, by:

> Factoring (Zero Product Property): p148 #3, 4

> Using Square Root Property p148 #2, 10, 11

> Completing the square p 149 # 13-14

> Using the quadratic formula p 149 # 17-19

Translate an equation from standard form to vertex form p149 #16

Solve an equation that sets two complex numbers equal to each other. P148 # 6

Simplify, add, subtract, and multiply complex numbers. P148 # 7-9

YOU CAN (BY HAND OR WITH A GRAPHING CALCULATOR) …

Solve a system of nonlinear equations graphically with a graphing calculator or by hand (your preference).

Solve the system of equations:

a) $y = x^2$ 　　　　　　　　　　b. $y = -x + 3$

　$y = x + 2$ 　　　　　　　　　　$y = x^2 + 1$

Answers:

a. (-1, 1) and (2, 4) 　　　　　　b. (-2, 5) and (1, 2)

HAVE YOU:

　　　* Reviewed your notes (read through all problems, redo problems you are not completely comfortable with, and practice the vocabulary)

　　　*Reviewed all homework problems

　　　* Completed the practice test in the book, as well as additional practice problems?

　　　*Come in for additional help if needed

　　　* Investigated the online resources at the Big Ideas Math website?