**Chapter 4 Quadratic Functions and Equations Type of Test Questions**

**\*\*\*Level 2\*\*\***

Factor (both methods) ***2 problems***  
 \* What multiplies to c and adds to b  
 \* Greatest Common Factor (GCF)

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Graph (use at least 5 points) ***2 problems***  
 \*Use calculator to find max/min and trace to ‘smart’ points

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Factor Completely ***2 problems  
 \****(GCF and multiplies to c and adds to b)

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Simplify Radicals with negatives ***2 problems***  
 \*(Remember how Imaginary Numbers work)

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Add, Subtract, Multiple (FOIL) Imaginary ***3 problems*** \*Combine like terms, and sub for

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**\*\*\*Level 3\*\*\***

Solve the Equation Using Any Method ***5 problems  
 \*Show Your Work!  
 \*Factor, Graph, or Quadratic Formula  
 \*Remember equations must equal 0 first***

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**\*\*\*Level 4\*\*\***

Quadratic Story Problem ***1 problem***  
 \*Hint: It is nice to look at a graph to analyze

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Solve Completely ***1 problem***  
 \*Apply solving methods