Name: _____   Date: _____

Chapter 6 Problem Wrap-Up Rubric

Knowledge/Skills	Level 1	Level 2	Level 3	Level 4
Knowledge/ Understanding • Creates a table of values for each jawbone • Identifies the vertex, the equation of the axis of symmetry, and the *x*-intercepts	Creates a table of values for each jawbone with considerable assistance Identifies the vertex, the equation of the axis of symmetry, and the *x*-intercepts with considerable assistance	Creates a table of values for each jawbone with some assistance Identifies the vertex, the equation of the axis of symmetry, and the *x*-intercepts with some assistance	Creates a table of values for each jawbone Identifies the vertex, the equation of the axis of symmetry, and the *x*-intercepts	Creates a accurate and clear table of values for each jawbone Identifies and interprets the vertex, the equation of the axis of symmetry, and the *x*-intercepts
Thinking • Prepares and carries out a plan to solve the problem	Needs extensive assistance to begin organizing a plan and needs clearly laid out steps to follow	Needs some assistance to begin organizing a plan and needs some steps to follow	Needs minimal assistance to organize and implement an effective strategy	Needs no assistance to organize and implement an effective strategy
Communication • Expresses and organizes mathematical thinking with considerable effectiveness • Uses mathematical vocabulary and notation effectively	Expresses and organizes mathematical thinking with limited effectiveness Uses mathematical vocabulary and notation with limited effectiveness	Expresses and organizes mathematical thinking with some effectiveness Uses mathematical vocabulary and notation with some effectiveness	Expresses and organizes mathematical thinking with considerable effectiveness Uses mathematical vocabulary and notation with considerable effectiveness	Expresses and organizes mathematical thinking with a high degree of effectiveness Uses mathematical vocabulary and notation with a high degree of effectiveness
Application • Finds first and second differences	Finds first and second differences with considerable assistance	Finds first and second differences with some assistance	Finds first and second differences with few or no errors	Accurately calculates first and second differences and interprets their meaning

Comments:

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