

Name: _____

Date: _____

Chapter 3 Problem Wrap-Up Rubric**BLM 3–10**

Categories	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding <ul style="list-style-type: none"> Graph the numerical information Determine an equation for the curve of best fit 	<ul style="list-style-type: none"> Demonstrates limited understanding of how to graph the numerical information Demonstrates limited understanding of how to determine an equation for the curve of best fit 	<ul style="list-style-type: none"> Demonstrates some understanding of how to graph the numerical information Demonstrates some understanding of how to determine an equation for the curve of best fit 	<ul style="list-style-type: none"> Demonstrates considerable understanding of how to graph the numerical information Demonstrates considerable understanding of how to determine an equation for the curve of best fit 	<ul style="list-style-type: none"> Demonstrates thorough understanding of how to graph the numerical information Demonstrates thorough understanding of how to determine an equation for the curve of best fit
Thinking <ul style="list-style-type: none"> Prepares a plan to solve the problem Carries out the plan 	<ul style="list-style-type: none"> Needs extensive assistance to begin organizing a plan and needs some steps to follow 	<ul style="list-style-type: none"> Needs some assistance to organize and implement an effective strategy 	<ul style="list-style-type: none"> Needs minimal assistance to organize and implement an effective strategy 	<ul style="list-style-type: none"> Needs no assistance to organize and implement an effective strategy
Communication <ul style="list-style-type: none"> Clearly explains and fully justifies solution Correctly uses mathematical language and form related to the graphs and equation Conveys the required facts 	<ul style="list-style-type: none"> Does not clearly explain or justify solution Uses limited mathematical form Adequately conveys a limited number of facts 	<ul style="list-style-type: none"> Explains or justifies the solution somewhat Uses minimal mathematical form Correctly conveys a few facts 	<ul style="list-style-type: none"> Explains or justifies the solution fully Uses good mathematical form Conveys the required facts very well 	<ul style="list-style-type: none"> Explains, justifies and shows insight into the complexities of the solution Uses excellent mathematical form Clearly and effectively conveys the required facts and includes additional, accurate information
Application <ul style="list-style-type: none"> Connects mathematical solution with the real-life situation 	<ul style="list-style-type: none"> Has limited understanding of the connection between the solution and the real-life situation 	<ul style="list-style-type: none"> Has some understanding of the connection between the solution and the real-life situation 	<ul style="list-style-type: none"> Has considerable understanding of the connection between the solution and the real-life situation 	<ul style="list-style-type: none"> Has thorough understanding of the connection between the solution and the real-life situation

