Name: _____ Date: _____

BLM 3–18

Chapter 3 Problem Wrap-Up Rubric

Category	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding • Creates a graph of population at the fair for the last 20 years. • Justifies the choice of graph.	Demonstrates limited understanding of data displays and has major errors or omissions in the justification of the choice of graph.	Demonstrates some understanding of data displays and has minor errors or omissions in the justification of the choice of graph.	Demonstrates considerable understanding of data displays and correctly justifies the choice of graph.	Demonstrates thorough understanding of data displays and correctly justifies the choice of graph with a high degree of clarity.
Thinking • Prepares a plan to solve the problem. • Carries out the plan.	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 • Clear explanations and full justifications. • Correct use of statistical terminology.	Does not clearly explain or justify solution. Uses statistical terminology incorrectly.	Explains and justifies solution somewhat. Sometimes uses statistical terminology incorrectly.	Explains and justifies solution fully. Correctly uses statistical terminology.	Explains, justifies and shows insight into the complexities of the solution. Correctly uses statistical terminology fluently.
Application • Analyses the data's distribution.	With considerable difficulty, analyses the data's distribution. Makes major errors.	With some difficulty, analyses the data's distribution. Makes some errors.	Analyses the data's distribution and makes very few errors.	Analyses the data's distribution with a high degree of effectiveness. Makes very few or no errors.