

Name: _____

Date: _____

BLM 3.5.2

Achievement Check Rubric

Knowledge/Skills	Level 1	Level 2	Level 3	Level 4
Knowledge/Understanding <ul style="list-style-type: none"> Sets up equations for both scenarios, and graphs both scenarios 	Demonstrates limited understanding of determining equations and producing accurate graphs	Demonstrates some understanding of determining equations and producing accurate graphs	Demonstrates considerable understanding of determining equations and producing accurate graphs	Demonstrates a thorough understanding of determining equations and producing accurate graphs
Thinking <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Maintains the correct units Provides clear explanations and full justifications 	Maintains the correct units in some parts of the solution Does not clearly explain or justify the solution	Maintains the correct units throughout most of the solution Explains and justifies the solution somewhat	Maintains the correct units throughout the solution Explains and justifies the solution fully	Maintains the correct units throughout the solution Explains, justifies, and shows insight into the complexities of the solution
Application <ul style="list-style-type: none"> Interprets the graphs to compare the prices for the two scenarios Considers the effect of the time intervals 	Interprets the information ineffectively (does not graph both scenarios together for comparison) Ignores the variable time intervals	Interprets the information somewhat effectively (graphs both scenarios together but with different scales) Incorrectly considers the variable time intervals	Interprets the information with considerable effectiveness (graphs both scenarios together for comparison) Considers the variable time intervals	Interprets the information with a high degree of effectiveness (graphs both scenarios together accurately for comparison) Thoroughly deals with the variable time intervals

Comments:
