

Name: _____

Date: _____

BLM 4.1.2

Achievement Check Rubric

Knowledge/Skills	Level 1	Level 2	Level 3	Level 4
Knowledge/Understanding <ul style="list-style-type: none"> Prepares a flowchart 	Demonstrates limited understanding of how to use a flow chart to illustrate steps	Demonstrates some understanding of how to use a flow chart to illustrate steps	Demonstrates considerable understanding of how to use a flow chart to illustrate steps	Demonstrates thorough understanding of how to use a flow chart to illustrate steps
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"> Provides clear explanations and full justifications 	Does not clearly explain or justify solution	Explains and justifies solution somewhat	Explains and justifies solution fully	Explains, justifies, and shows insight into the complexities of the solution
Application <ul style="list-style-type: none"> Applies a backtracking flow diagram Extends backtracking flow diagrams to equation solving 	<p>Interprets the information in effectively</p> <p>Has difficulty extending the concept to equation solving</p>	<p>Interprets the information somewhat effectively</p> <p>Has some difficulty extending the concept to equation solving</p>	<p>Interprets the information with considerable effectiveness</p> <p>Extends the concept to equation solving</p>	<p>Interprets the information with a high degree of effectiveness</p> <p>Correctly extends the concept to equation solving</p>