

Problem Solving Rubric

Name: _____

Date: _____



Skill Score

	Advanced 4	Proficient 3	Needs Improvement 2	Inadequate 1	Score
Define the problem	<ul style="list-style-type: none"> - Accurately identifies and defines all key terms/variables. - Categorizes the problem at hand by comparing it to previously learned concepts. 	<ul style="list-style-type: none"> - Accurately identifies and defines most key terms/variables. - Adequately categorizes the problem at hand. 	<ul style="list-style-type: none"> - Accurately identifies and defines some key terms/variables. - Somewhat categorizes the problem at hand. 	<ul style="list-style-type: none"> - Fails to identifies and define key terms/variables. - Does not categorize the problem at hand. 	
Identify and implement a strategy	Explicitly selects and implements a highly effective solution strategy.	Explicitly selects and implements an adequate solution strategy.	Selects and implements a weak solution strategy.	Does not select or implement a solution strategy.	
Evaluate progress toward the goal	Shows ample evidence of monitoring progress toward a solution during the problem solving.	Shows adequate evidence of monitoring progress toward a solution during the problem solving.	Occasionally monitors progress toward a solution during the problem solving.	Fails to monitor progress toward a solution during the problem solving.	
Solution and reflection	<ul style="list-style-type: none"> - Presents a plan that thoroughly addresses the problem at hand. - Considers the practicality of the solution. - Can justify or validate the solution. 	<ul style="list-style-type: none"> - Presents a plan that adequately addresses the problem at hand. - Considers the practicality of most of the solution. - Can justify or validate most of the solution. 	<ul style="list-style-type: none"> - Presents a plan that fails to address the problem at hand. - Considers the practicality of parts of the solution. - Can justify or validate parts of the solution. 	<ul style="list-style-type: none"> - No solution is presented. - Fails to consider the practicality of the solution. - Can not justify or validate the solution. 	
Skill Proficiency Rating	16-14	13-10	9-6	5-0	Total score

Assignment Score

Skill Proficiency Rating:
Total Score: