

Solution Guide

Problem Solving

Name of Problem: _____

Criteria	Descriptors	How does the work meet the criteria?
Demonstrates an understanding of the problem	☐ Identifies the question ☐ Identifies the knowns ☐ Selects the relevant information ☐	
Develops an appropriate problem-solving plan	☐ Selects a problem-solving strategy such as draw a picture, make a table, act out or use manipulatives, work backwards, look for a pattern, guess and check, and/or work a simpler problem ☐ Develops a plan for solving the problem ☐	
Carries out the plan using appropriate mathematical language, properties, and relationships	☐ Communicates how the strategy is used to solve the problem ☐ States mathematical relationships correctly ☐ Uses mathematical properties appropriately ☐ Uses mathematical language and symbols appropriately ☐	
Review the results	☐ Evaluates the reasonableness of the solution ☐ Answers the question in the problem ☐	

