

Problem Solving Rubric

	Not Yet Within Expectations	Minimally Meets Expectations	Fully Meets Expectations	Exceeds Expectations
Interpreting the Question	<ul style="list-style-type: none"> • Problem not restated • Little or no understanding of problem or task 	<ul style="list-style-type: none"> • Problem basics restated • May misunderstand part of the problem 	<ul style="list-style-type: none"> • Problem restated in own words 	<ul style="list-style-type: none"> • Problem clearly restated in own words
Problem Solving Strategy	<ul style="list-style-type: none"> • Inappropriate strategy chosen • Fails to address significant aspects of the problem 	<ul style="list-style-type: none"> • Strategy choice effective, but may not be the best choice • Most problem aspects addressed 	<ul style="list-style-type: none"> • Chooses most appropriate strategy • All problem aspects addressed 	<ul style="list-style-type: none"> • Strategy chosen is of an advanced level
Calculations	<ul style="list-style-type: none"> • Incorrect answer • Few calculations if any • No solution check 	<ul style="list-style-type: none"> • Incorrect answer • Errors in calculations • Steps to solving incomplete • Solution check does not result in corrections 	<ul style="list-style-type: none"> • Correct answer • Answer may not be labelled with units • Solution check confirms answer 	<ul style="list-style-type: none"> • Solution correct • Units included • No errors • Short cuts used correctly
Communication	<ul style="list-style-type: none"> • No evidence of reasoning • Unsuccessful in explaining thinking 	<ul style="list-style-type: none"> • Little evidence of reasoning • Explains thinking with difficulty 	<ul style="list-style-type: none"> • Some evidence of reasoning • Clear explanation of thinking 	<ul style="list-style-type: none"> • Precise and clear evidence of reasoning • Demonstrated exceptional mathematical thinking

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