

- MATHCAST SCORING RUBRIC -

MATHCASTS	EXCEEDS (SCORE = 4)	MEETS (SCORE = 3)	PARTIALLY MEETS (SCORE = 2)	DOES NOT MEET (SCORE = 1)
<p align="center">Appropriateness of the Problems</p> <p align="center">(Score × 1)</p>	<ul style="list-style-type: none"> You have selected questions appropriate to your skill level but they also allow you to demonstrate a higher level of understanding and communication. You have chosen suitable questions from appropriate topics which are suitable for MathCasts. 	<ul style="list-style-type: none"> You have selected questions appropriate to your skill level but they do not always allow you to fully demonstrate a higher level of understanding and communication. You have chosen suitable questions from appropriate topics which are suitable for MathCasts. 	<ul style="list-style-type: none"> You have selected most questions of a suitable level of difficulty. You have chosen suitable questions but there is not the required variety from topics. 	<ul style="list-style-type: none"> You have selected questions which are beyond your ability to solve or are not a suitable choice for MathCasts.
<p align="center">Use of Voice, Clarity and Diction.</p> <p align="center">(Score × 4)</p>	<ul style="list-style-type: none"> You make excellent use of your voice with emphasis and stress for important points. You are very easily understood. i.e. You speak clearly and do not mumble. You speak at an appropriate pace. You pronounce words correctly and do not use slang. 	<ul style="list-style-type: none"> You make good use of your voice emphasizing most important parts and steps. You are easily understood, although at times volume control was poor. Most times your pacing is good. You pronounce words correctly, but occasionally you use some slang. 	<ul style="list-style-type: none"> You make a effort to emphasize important points. You are not easily understood in many parts and/or the volume control was inappropriate. You have a tendency to run words together or speak too quickly. You often use slang in your explanation. 	<ul style="list-style-type: none"> You are difficult to understand and/or the volume is not appropriate. You do not stress important points. You do not pronounce words clearly and use too much slang.
<p align="center">Correctness of Mathematical Terminology</p> <p align="center">(Score × 4)</p>	<ul style="list-style-type: none"> All terminology is correct for your choice of question. You explain terms, phrases, names which may be uncommon or higher order, but are necessary to your solution. You have not used too much technical jargon, but have achieved a desirable balance. 	<ul style="list-style-type: none"> Most of the terminology you have used is appropriate for you choice of questions. You have explained most of the terms necessary for your solution. Your solution involved a good balance of technical aspects. 	<ul style="list-style-type: none"> You have used the correct terminology in some cases; however there were a number of times when there was inappropriate usage. You have not explained all terms necessary to the solution and/or you have been too technical in your approach. 	<ul style="list-style-type: none"> You use incorrect terminology. i.e. You are casually using words in the wrong context. You do not explain any higher order terms or expressions.

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Clarity of Written Solution (Score × 3)	<ul style="list-style-type: none"> Your solution is very well written and set out. Your working is easily followed and legible. 	<ul style="list-style-type: none"> Your solution is well set out and overall, easy to follow. There were one or two instances when your working was cluttered or difficult to understand. 	<ul style="list-style-type: none"> Your working is generally well set out, however there were a number of areas where your solution was difficult to read and/or working was cluttered. 	<ul style="list-style-type: none"> Your solution is extremely difficult to follow and shows little, if any structure.
Method of Solution (Score × 4)	<ul style="list-style-type: none"> Your method of solution is correct and demonstrates aspects of originality in its presentation. The steps you have taken for your solution are logical and follow a natural progression. Your calculations and statements are correct. You have justified or shown that your solution is correct where appropriate. 	<ul style="list-style-type: none"> Your method of solution is correct. The steps you have taken are logical although not always following a natural progression. Your calculations are correct although some statements are not clear. You have shown some checking of the solution where appropriate. 	<ul style="list-style-type: none"> Your method of solution is correct. The steps you have taken have not always been logical or following a natural progression. Most calculations are correct, however many of your statements are not justified. You have made little attempt to justify your solution. 	<ul style="list-style-type: none"> Your method of solution was incorrect in a number of areas. The steps you have taken do not follow any logical order and/or crucial steps have been omitted. Your calculations and/or statements are incorrect or invalid. You have not tried to justify your solution.
Use of Diagrams (Score × 2)	<ul style="list-style-type: none"> You have used diagrams where necessary to explain or clarify concepts or to draw attention to important points. Your diagrams are clear and easily followed. Your diagrams are referred to in your explanation. 	<ul style="list-style-type: none"> You have used diagrams where necessary to explain or clarify concepts. Most of your diagrams are clear. Your diagrams have some reference to your solution. 	<ul style="list-style-type: none"> You have attempted to use some diagrams to explain concepts. Your diagrams were not always clear or meaningful, but had some, albeit little, reference to your solution. 	<ul style="list-style-type: none"> You have not used any diagrams whatsoever or the diagrams used were inappropriate. Your diagram, where present, were unclear and/or had little reference or relation to the solution.
Other Software Utilities (Score × 2)	<ul style="list-style-type: none"> You have demonstrated originality and initiative in including other utilities to improve understanding. 	<ul style="list-style-type: none"> You have included utilities to aid in understanding, but not all needed to be used for your solution. 	<ul style="list-style-type: none"> You have used utilities which were not necessary and added little to the solution. 	<ul style="list-style-type: none"> You have made no effort to include other utilities even when they would have clarified or helped.