

Marking Rubric (Student Choice Question)

Snapshot*

4	Student's response demonstrates extensive understanding of the situation where all aspects of the problem are addressed. Solution is effective and comprehensive , calculations are relevant , and errors do not hinder reasonableness within the given context. Reasoning is clearly communicated .
3	Student's response demonstrates a sensible understanding of the situation where most aspects of the problem are addressed. Solution is reasonable ; calculations may contain errors. Reasoning can be followed .
2	Student's response demonstrates a basic understanding of the situation where aspect(s) of the problem are considered . Solution is incomplete but on the right track ; calculations may contain errors. Reasoning may be unclear or inconsistent.
1	Student's response demonstrates a limited understanding of the situation. Solution contains an ineffective approach and/or fundamental mathematical errors. Reasoning shows an attempt to engage with an aspect of the problem.
0**	Student's response work described by one or more of the following statements: <ul style="list-style-type: none"> • Information simply recopied from the problem. • Diagrams or calculations are unrelated to the problem. • Any answer without supporting work. • Response does not engage with an aspect of the problem. • All work is erased or crossed out.
NR	No response (answer sheet is blank or title only)

* Errors in transcription do not take away from the level of proficiency.

** Inappropriate responses (e.g., profanity or concerning language) should be sent to chair.

Grade 10 Numeracy Assessment

Elaborations

	Interpret	Apply	Solve	Analyze	Communicate
4	Advanced reasoning skills in determining the relevance of situational information in the task context.	Success in relating the context into mathematical language using a clear and logical approach.	Advanced use of mathematical concepts and skills; solution is reasonable and appropriate to context.	Reasoning or justification of solution is complete and comprehensive.	Advanced use of mathematical language (e.g., graphs, symbols) to express solution, supported by insightful or logical evidence.
3	Effective reasoning skills in determining the relevance of situational information in the task context.	Success in relating the context into mathematical language; errors in approach are minor and do not hinder understanding.	Effective use of mathematical concepts and skills; solution is appropriate to context but may contain minor errors.	Reasoning or justification of solution is evident.	Effective use of mathematical language (e.g., graphs, symbols) to express solution, supported by relevant evidence.
2	Basic reasoning skills in determining the relevance of situational information in the task context.	Partial success in relating the context into mathematical language but may contain errors in approach.	Basic use of mathematical concepts and skills; solution is missing essential calculations or contains major errors.	Reasoning or justification of solution is partially complete; or solution may not be reasonable in context.	Basic use of mathematical language (e.g., graphs, symbols) to express solution, supported by evidence that contains inconsistencies or is difficult to follow.
1	Limited reasoning skills in determining the relevance of situational information in the task context.	Limited success in relating the context into mathematical language; contains fundamental errors in approach.	Limited use of mathematical concepts and skills; solution contains mostly incorrect calculations.	Reasoning or justification of solution is absent or fundamentally incorrect.	Limited use of mathematical language (e.g., graphs, symbols) to express solution, supported by limited evidence.