

Mathematical Analysis

Learning Outcome 1: Ability to establish connections between real world phenomena and mathematical ideas.

Learning Outcome	4 Thorough	3 Adequate	2 Limited	1 Weak	Unscorable
Ability to establish connections between real world phenomena and mathematical ideas.	<p>Correct answers labeled appropriately</p> <p>Suggested % 85%-100% of items scored</p>	<p>Correct answers mostly labeled appropriately</p> <p>Suggested % 70%-84% of items scored</p>	<p>Correct answers sometimes labeled appropriately</p> <p>Suggested % 60%-69% of items scored</p>	<p>Answers often labeled inappropriately</p> <p>Suggested % less than 60% of items scored</p>	<p>Evidence does not measure learning outcome</p>

Learning Outcome 2: Ability to solve problems by employing mathematical reasoning skills, using mathematical equations, or analyzing quantitative data.

Learning Outcome	4 Thorough	3 Adequate	2 Limited	1 Weak	Unscorable
Ability to solve problems by employing mathematical reasoning skills, using mathematical equations, or analyzing quantitative data.	<p>Solves problems correctly by employing mathematical reasoning skills, using mathematical equations, or analyzing quantitative data</p> <p>Suggested % 85%-100% of items scored</p>	<p>Mostly solves problems correctly by employing mathematical reasoning skills, using mathematical equations, or analyzing quantitative data</p> <p>Suggested % 70%-84% of items scored</p>	<p>Solves some problems correctly by employing mathematical reasoning skills, using mathematical equations, or analyzing quantitative data</p> <p>Suggested % 60%-69% of items scored</p>	<p>Solves few problems correctly</p> <p>Suggested % less than 60% of items scored</p>	<p>Evidence does not measure learning outcome</p>