

## **Mathematical Analysis**

## <u>Learning Outcome</u> 1: Ability to establish connections between real world phenomena and mathematical ideas

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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.	Solves problems correctly by employing mathematical reasoning skills, using mathematical equations, or analyzing quantitative data	Mostly solves problems correctly by employing mathematical reasoning skills, using mathematical equations, or analyzing quantitative data	Solves some problems correctly by employing mathematical reasoning skills, using mathematical equations, or analyzing quantitative data	Solves few problems correctly	Evidence does not measure learning outcome
	Suggested % 85%-100% of items scored	Suggested % 70%-84% of items scored	Suggested % 60%-69% of items scored	Suggested % less than 60% of items scored	

## <u>Learning Outcome</u> 2: Ability to solve problems by employing mathematical reasoning skills, using mathematical equations, or analyzing quantitative data