

New Britain High School | Numeracy Problem-Solving Rubric



Exemplary (4)	Proficient (3)	Progressing (2)	Emerging (1)	Non-scorable (0)
Correct answer and...	Correct answer, but...	Correct answer, but...	Correct answer, but...	No answer and no work
All work is shown (steps are in sequence)	Most, not all, of the work is shown	Little work is shown	No work is shown	
No mathematical errors	Work is shown in an organized manner	Partial explanation of the process, which conveys a partial understanding of the problem	Several errors result in the correct answer without mathematical justification	
Full and complete understanding of procedures and concepts	Reasonable understanding of procedures and concepts	Units are not labeled	No explanation of the process is given	
Units labeled (if applicable)	Units labeled (if applicable)		Units are not labeled	
Full and complete explanation of the process which conveys a total understanding of the problem	An explanation of the process which conveys a reasonable understanding of the problem			
Exemplary (4)	Proficient (3)	Progressing (2)	Emerging (1)	Non-scorable (0)
You cannot get an incorrect answer	Incorrect answer, and...	Correct answer, but...	Correct answer, but...	No answer and no work
	Most of problem is correct – any errors are a result of the careless execution of a task and do not diminish the evidence of student comprehension	Errors in fundamental mathematical steps and/or procedures	Little to no work shown	
	Reasonable understanding of procedures and concepts	Some errors which show a lack of convincing evidence of student comprehension	Many errors	
	Units labeled (if applicable)	Partial understanding of procedures and concepts	No understanding of procedures and concepts	
			Reasoning does not relate to the problem	