

Task: Mind Reader Rubric

Category	Level 1	Level 2	Level 3	Level 4
Knowledge/ Understanding	<ul style="list-style-type: none"> demonstrates limited knowledge and understanding of operations with polynomials and how to translate word instructions into symbols 	<ul style="list-style-type: none"> demonstrates some knowledge and understanding of operations with polynomials and how to translate word instructions into symbols 	<ul style="list-style-type: none"> demonstrates considerable knowledge and understanding of operations with polynomials and how to translate word instructions into symbols 	<ul style="list-style-type: none"> demonstrates thorough knowledge and understanding of operations with polynomials and how to translate word instructions into symbols
Thinking	<ul style="list-style-type: none"> uses limited planning skills (e.g., guesses) uses processing skills with limited effectiveness (e.g., provides limited reasoning or justification) uses critical-thinking processes with limited effectiveness (e.g., is unable to analyse how the number tricks work) 	<ul style="list-style-type: none"> uses some planning skills (e.g., provides some evidence of a plan) uses processing skills with some effectiveness (e.g., provides some evidence of reasoning or justification) uses critical-thinking processes with some effectiveness (e.g., has some success in analysing how the number tricks work) 	<ul style="list-style-type: none"> uses considerable planning skills (e.g., provides considerable evidence of a plan) uses processing skills with considerable effectiveness (e.g., provides considerable evidence of reasoning or justification) uses critical-thinking processes with considerable effectiveness (e.g., has considerable success in analysing how the number tricks work) 	<ul style="list-style-type: none"> uses planning skills with a high degree of effectiveness (e.g., provides detailed evidence of a plan) uses processing skills effectively (e.g., provides detailed evidence of reasoning or justification) uses critical-thinking processes with a high degree of effectiveness (e.g., creates a clear process and uses it to effectively analyse how the number tricks work)
Communication	<ul style="list-style-type: none"> prepares a simple report, making a few reasonable statements, with some assistance infrequently uses some mathematical symbols and vocabulary correctly explanations and justifications are partially understandable (e.g., translates a few of the word instructions into numbers and symbols, provides a few partially correct ideas about the working of a trick) 	<ul style="list-style-type: none"> prepares a report, making some reasonable statements, with limited assistance uses correct mathematical symbols and vocabulary some of the time explanations and justifications are partially understandable (e.g., translates some of the word instructions into numbers and symbols, provides some partially correct ideas about the working of a trick) 	<ul style="list-style-type: none"> prepares a report, making reasonable statements, without assistance uses correct mathematical symbols and vocabulary with a few minor errors explanations and justifications are clear (e.g., translates a considerable number of the word instructions into numbers and symbols, provides a considerable number of correct ideas about the working of a trick) 	<ul style="list-style-type: none"> prepares a complete, detailed, insightful report uses mathematical symbols and vocabulary correctly and creatively explanations and justifications are particularly clear and detailed (e.g., translates the word instructions into numbers and symbols, provides a detailed explanation about the working of a trick using mathematical symbols)
Application	<ul style="list-style-type: none"> applies knowledge and skills in unfamiliar contexts with limited effectiveness transfers knowledge of skills to new context with limited effectiveness (e.g., performs operations with polynomials with limited effectiveness) 	<ul style="list-style-type: none"> applies knowledge and skills in unfamiliar contexts with some effectiveness transfers knowledge of skills to new context with some effectiveness (e.g., performs operations with polynomials with some effectiveness) 	<ul style="list-style-type: none"> applies knowledge and skills in unfamiliar contexts with considerable effectiveness transfers knowledge of skills to new context with considerable effectiveness (e.g., performs operations with polynomials with considerable effectiveness) 	<ul style="list-style-type: none"> applies knowledge and skills in familiar contexts with a high degree of effectiveness transfers knowledge of skills to new context with a high degree of effectiveness (e.g., performs operations with polynomials with a high degree of effectiveness)