

RUBRIC FOR PERFORMANCE TASK #3 — EXPONENTIAL EQUATIONS

Scores and Criteria				
Assessment Category	Passable level of achievement – below provincial standard LEVEL 1	Moderate level of achievement – below, but approaching provincial standard LEVEL 2	High level of achievement – at provincial standard LEVEL 3	Very high to outstanding level of achievement – above provincial standard LEVEL 4
	Knowledge/Understanding			
	Some exponential equations solved but solutions may contain inaccuracies.	Most exponential equations solved but solutions may contain inaccuracies.	Exponential equations solved completely; most computations generally correct.	Exponential equations solved completely, accurately, and verified or supported.
	Thinking/Inquiry/Problem Solving			
	- Graphical models address few aspects of the problem. - Reasoning is evident but lacks consistency.	- Graphical models address some aspects of the problem. - Reasoning is evident and logical in parts of the problem.	- Graphical models address most aspects of the problem. - Reasoning is logical and consistent within context.	- Appropriate graphical models integrate all aspects of the problem. - Reasoning is logical, consistent, and relates to broader context.
	Communication			
	- Few mathematical conventions are used. - Explanation or demonstration includes either mathematical form or narrative form, but not both.	- Some mathematical conventions are used correctly. - Explanation or demonstration includes both mathematical and narrative forms, but the forms are not integrated.	- Most mathematical conventions are used correctly. - Mathematical and narrative forms are present and integrated.	- Consistently uses mathematical conventions correctly. - Various mathematical and narrative forms are present, integrated, and well chosen.