

RUBRIC FOR PERFORMANCE TASK #3 — WHAT ARE THE 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			
	- Attempted solution demonstrates limited understanding of equations of conics. - Some steps for finding intersection point performed but may contain inaccuracies.	- Solution demonstrates some understanding of equations of conics. - Most steps for finding intersection point performed but may contain inaccuracies.	- Solution demonstrates sufficient understanding of equations of conics. - Steps for finding intersection point performed completely, most computations generally correct.	- Detailed solution demonstrates thorough understanding of equations of conics. - Steps for finding intersection point performed completely and accurately and are verified or supported.
	Thinking/Inquiry/Problem Solving			
	Reasoning in description of process is evident but lacks consistency.	Reasoning in description of process is evident and logical in parts of the problem.	Reasoning in description of process is logical and consistent within context.	Reasoning in description of process is logical and consistent and relates to broader context.
	Communication			
	- Few mathematical conventions are used. - Explanations are unclear.	- Some mathematical conventions are used correctly. - Explanations are understandable but unclear.	- Most mathematical conventions are used correctly. - Explanations are clear.	- Mathematical conventions are used correctly. - Explanations are clear and thorough.
	Application			
	Selected equations are only partially appropriate to the given design.	Selected equations are generally appropriate to the given design.	Selected equations are appropriate to the given design.	Selected equations are appropriate, efficient, and easily generate the given design.