

Title: "Towards University Readiness"

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Abstract: Students entering University level mathematics courses should be prepared for both the content and the level of thinking in these courses by the mathematics that they study in high school, but not all are. This presentation, based on a survey of Introduction to Calculus students, will present results of the question "how well do you feel that your high school mathematics courses prepared you for Introduction to Calculus?". Possibilities for improving students' readiness will be drawn from high school students' comments about their engagement in mathematics, drawn from a 5-year longitudinal study, recently completed in Manitoba.