

# Toronto Prep School Functions 11 (MCR3U) Final Examination

**Date:** Monday, June 13<sup>th</sup>, 2011  
**Time:** 1 pm – 3 pm  
**Teachers:** Mr. Kinnear  
 Mr. Oldridge  
 Mr. Vlachos



**Total marks:** 100

**Student Name:** \_\_\_\_\_

**Instructions:**

1. Check that this exam booklet contains 12 pages single-sided.
2. Read all of the questions carefully before answering.
3. Show all of your work for complete marks.
4. Attempt all questions before spending extra time on the most challenging ones.
5. Clearly note if any of your solutions are continued on separate pages.

**Examination Breakdown:**

Unit	Marks	Time	K	A	C	T
Quadratic Functions	/14	15 min	3	9	2	0
Inverse and Reciprocal Functions	/18	15 min	12	0	2	4
Exponential Functions	/21	15 min	7	7	2	5
Trigonometry	/19	15 min	7	5	2	5
Trigonometric Functions	/15	15 min	5	5	2	3
Discrete Functions and Financial Applications	/13	15 min	6	4	0	3
Review and complete your work		30 min				
<b>TOTAL</b>	<b>/100</b>	<b>120 min</b>	<b>40</b>	<b>30</b>	<b>10</b>	<b>20</b>