

Toronto Prep School

Final Examination

Principles of Mathematics 10 – MPM2D

Teachers: S. Kinnear and K. Turck

Date: Friday June 17th, 2016

Time: 10:00 a.m. – 12:00 p.m.

Total Marks: 100



Student's Name: _____

Instructions:

1. Check that this exam booklet contains 14 pages single-sided.
2. Read all of the questions and associated instructions 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. You are only allowed 2 questions during the exam; use them wisely.
6. Do all of the work on this exam. You may use the back of a page if you require additional space. Clearly note if any of your solutions are continued on separate pages.
7. Calculators and rulers are permitted.

Exam Breakdown:

<i>Section</i>	<i>Title</i>	<i>Marks</i>	<i>Time</i>	<i>Elapsed Time</i>
I	Powers and Polynomials	10	5 minutes	10:00 – 10:05
II	Factoring and Quadratics	48	45 minutes	10:05 – 10:50
III	Trigonometry	17	15 minutes	10:50 – 11:05
IV	Linear Systems	11	15 minutes	11:05 – 11:20
V	Analytic Geometry	14	10 minutes	11:20 – 11:30
---	Review	---	30 minutes	11:30 – 12:00
Totals	---	100	120 minutes	10:00 – 12:00

Breakdown by Category:

Knowledge and Understanding	35 marks	Communication	13 marks
Thinking and Inquiry	17 marks	Application	35 marks
		Total	100 marks