

**DALHOUSIE UNIVERSITY
FINAL EXAMINATION
FALL TERM 2001**

Surname: _____

First Name: _____

Signature: _____

Student ID Number: _____

Course Number	MATH 2790
Course Title	Mathematical Problem Solving
Tour Guide	Richard Hoshino
Date of Exam	December 10 th , 2001
Time Period	12:00 pm - 3:00 pm
Number of Exam Pages (including the cover sheets)	6 pages
Exam Type	Closed Book
Additional Materials Allowed	None

Name: _____

Section	Problem	Maximum	Mark Awarded
A		10	
A		10	
B		10	
B		10	
C		10	
C		10	
D		10	
D		10	
Bonus		5	
TOTAL		80	

There are twelve questions on this exam, with three problems in each of the following four sections:

Section A: Combinatorics and Probability

Section B: Euclidean Geometry

Section C: Number Theory

Section D: Heuristics

You will answer **two of the three** questions in each of the four sections.

In the second column of the table above, put the Problem Number of the questions you are answering.