



COVER SHEET

DIRECTIONS TO STUDENTS

- You have 4 hours in which to answer as many questions as you can. This paper contains 10 questions worth a total of 35 marks, as indicated.
- Questions 1 to 8 have answers that are non-negative integers less than 1000. Only the answers are required. Write them in the spaces provided on this cover sheet. If an answer is incorrect but correct comprehensible working is provided, then some marks may still be awarded. Questions 9 and 10 require written answers with proofs.
- Please be sure to write your name, account number, page number on each page of submitted written answers and attach these to this cover sheet.
- Question 10 has an investigation associated with it, which may be used to determine prize
 winners. The bonus marks for the investigation can only be awarded to students with the
 same highest score. You are strongly advised to answer all of the other questions before
 spending time on the investigation.
- You must work on your own. You may use a ruler, compass, rough paper, graph paper and eraser but calculators, books and other aids are not allowed.

School Name	Account number
(please print clearly)	(please print clearly)
Student's Name	Year Level
(please print clearly)	(please print clearly)

Answers to Questions 1-8

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Question	Answer	State Director's Use Only(考生无需填写此列)	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
	TOTAL		

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Name:	Account Number:	Page:
Please write your answer	s in English.)	



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Please write your answer	s in English.)	



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