

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

(please print clearly)

Account number

(please print clearly)

Student's Name

(please print clearly)

Year Level

(please print clearly)

Answers to Questions 1– 8

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:

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(Please write your answers in English.)

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(Please write your answers in English.)

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(Please write your answers in English.)