

**2016/17 The 8<sup>th</sup> HK Mathematics  
Creative Problem Solving Competition  
for Secondary School  
(Heat – Written)**

<b>School ID:</b>		<b>Seat No.:</b>	
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**Time allowed : 50 minutes**

Instructions :

1. The time allowed is 50 minutes.
2. The question paper consists of 12 pages. There are 17 questions in this paper.
3. A set of question paper will be given to each student in a team.  
Only ONE answer sheet (green) will be given to each team.  
All the questions should be discussed among team members. The agreed answers should be written onto the answer sheet. Only the answers on the answer sheet will be marked.
4. Participating teams should bring their own stationery and calculators. For the purpose of fairness, please use only scientific calculators on the “List of Approved Calculators” by the Hong Kong Examinations and Assessment Authority. Electronic dictionaries, computers, mobile phones and other communication devices are prohibited.
5. The blank space on each page of this question paper can be used for rough work. One rough work sheet will be distributed to each participant. Extra rough work paper will also be provided upon request.
6. The answer sheet, all question papers, appended sheets and rough work papers will be collected after the competition. Participants are not allowed to take away any of these papers or the team might risk disqualification.

# 2016/17 第八屆香港中學數學創意解難比賽 (初賽-筆試)

參賽學校編號:	
座位編號:	

## 比賽時間：50 分鐘

參加者須知：

1. 比賽時間共 50 分鐘。
2. 本問題卷共 12 頁，全卷共有 17 題。
3. 每位參賽同學獲派一份問題卷，每一隊參賽隊伍只會獲派一張(綠色)答題紙。題目須由各成員經過討論，然後將議定的答案寫於答題紙上。  
\*\* 只有寫於答題紙上的答案方可得到評分。
4. 參賽學生需自備文具及計算機。為公平考慮，比賽中只可使用香港考試及評核局「准用計算機型號名單」中的科學計算機(Scientific Calculator)。本比賽中嚴禁使用電話、電子字典、電腦或其他有上網或通訊功能的工具。
5. 本試卷每頁空白位置可作為算草之用。每位參賽學生亦會獲派一張算草紙，如有需要，可要求額外算草用紙。
6. 在筆試完結後，各同學必須交回所有問題卷、答題紙、附頁及草稿紙。參賽學生不得取走任何於比賽中所派發之紙張文具，違規者全隊可被取消資格。