

卷三 (樣本題目)

Paper 3 (Sample Questions)

2011 年 11 月 19 日

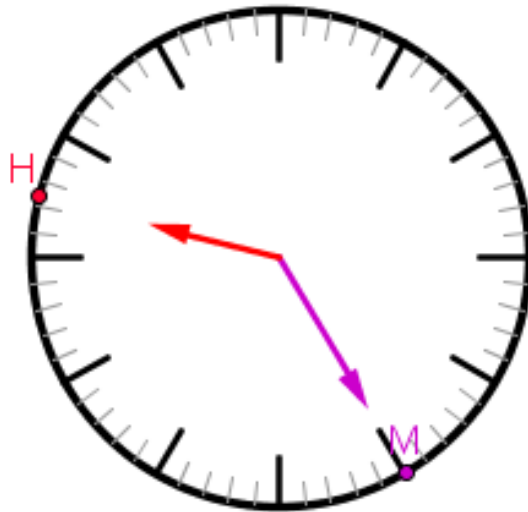
19 November 2011

第 1 題

Question 1

移動 H 和 M 點，把鐘面上的時針和分針移到七時三十分的位置。

Move points H and M such that the position of the minute hand and the hour hand on the clock is located at 7 : 36.

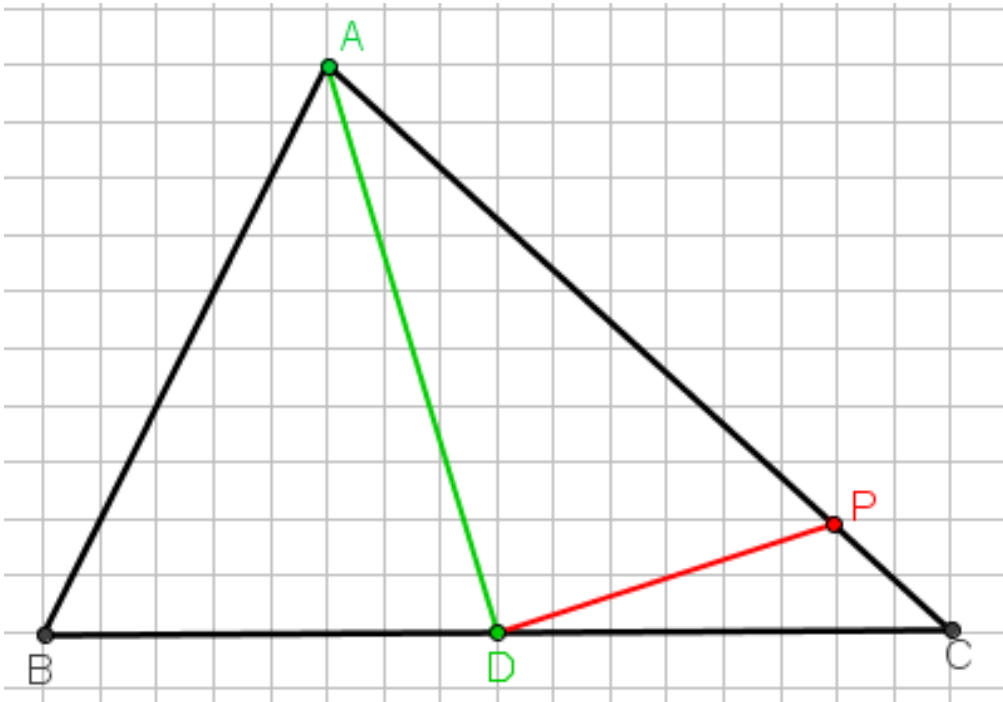


第 2 題

圖中線段 AD 把三角形 ABC 分為面積相等的兩份。  
移動 P 點使線段 DP 成形的三角形 CDP 的面積為三  
角形 ABC 的四分之一。

Question 2

In the figure, a line segment AD divides the triangle ABC into two parts with the same area. Move the point P such that a line segment DP forms a triangle CDP and the area of triangle CDP is one-fourth of that of triangle ABC.

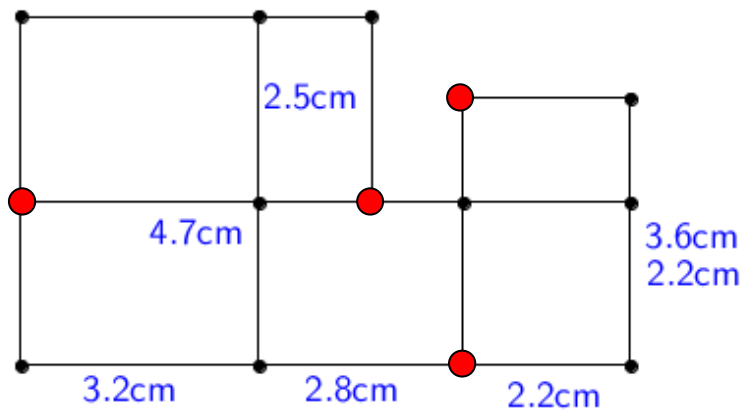


第 3 題

移動紅色的點使這個圖形變成一個長方體的摺紙  
圖樣。

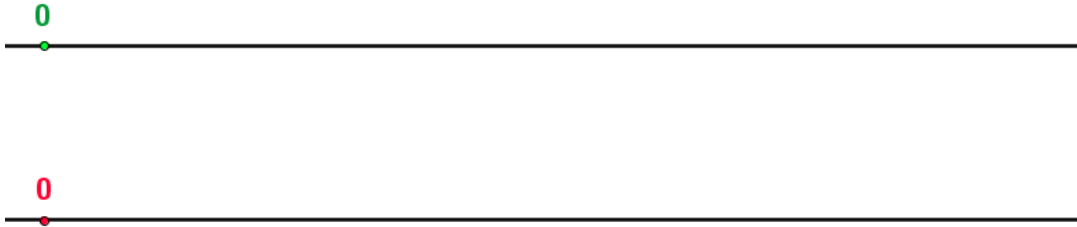
Question 3

Move the red points such that this figure can form a net of cuboid.



第 4 題

兩條數線上，上面的點隨下面的點變化。  
移動下面的點使兩個數的和為 185。



Question 4

On two number lines, the upper point varies according to the lower point. Move the lower point such that the sum of two values are 185.

第 5 題

首兩個大寫英文字母有兩條對稱軸。  
另外四個數字為出生日期，它是一個最大的千位數  
且是 11 的倍數。

|        |  |  |  |  |  |
|--------|--|--|--|--|--|
|        |  |  |  |  |  |
| 英文字母部分 |  |  |  |  |  |
| 數目字部分  |  |  |  |  |  |

將整個車牌號碼作為答案。

註： 英文字母必須是大寫。

Question 5

The first two capital letters have two axes of symmetry.  
The other four digits are the date of birth. It forms the greatest 4-digit number which is a multiple of 11.



第 6 題

將數字 1 至 6 填在格內，令到每一直行、橫行及每個 2 x 3 格內，都有數字 1 至 6，同時每個數字只可出現一次。

Question 6

Fill in the grid so that every row, every column and every 2 x 3 box contains the digits 1 through 6. No digit should be used more than once in every row, column or the six 2 x 3 boxes in the grid.

|          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|
|          | <b>2</b> |          | <b>6</b> | <b>3</b> |          |
| <b>6</b> |          |          |          |          |          |
| <b>3</b> | <b>1</b> |          | <b>4</b> |          |          |
|          |          | <b>6</b> |          | <b>1</b> | <b>2</b> |
|          |          |          |          |          | <b>4</b> |
|          | <b>6</b> | <b>5</b> |          | <b>2</b> |          |

東華三院李潤田紀念中學

TWGHs Lee Ching Dea Memorial College

全港十八區小學數學比賽

Joint Primary School Mathematics  
Competition

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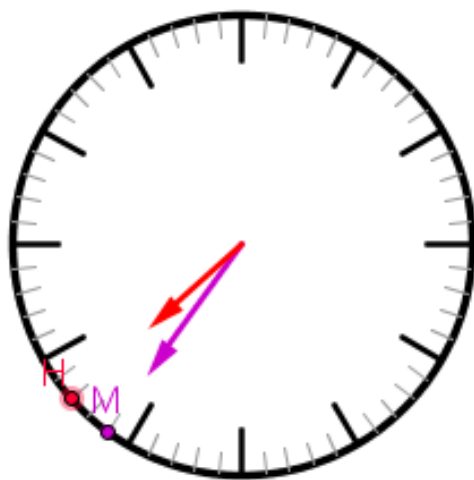
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移動 H 和 M 點，把鐘面上的時針和分針移到七時  
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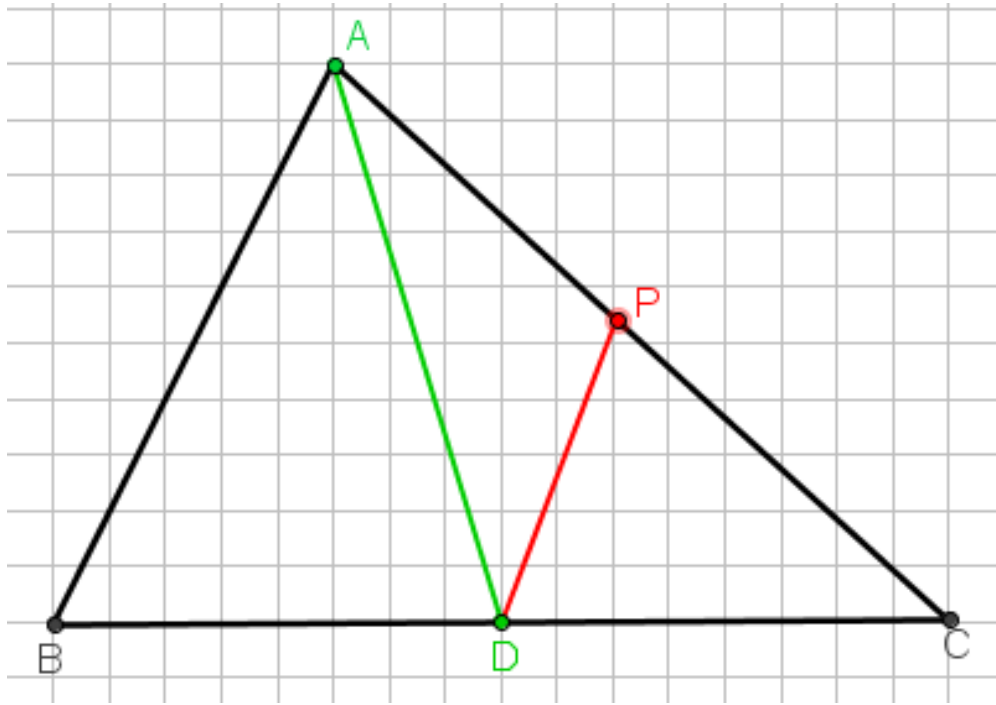
Answer

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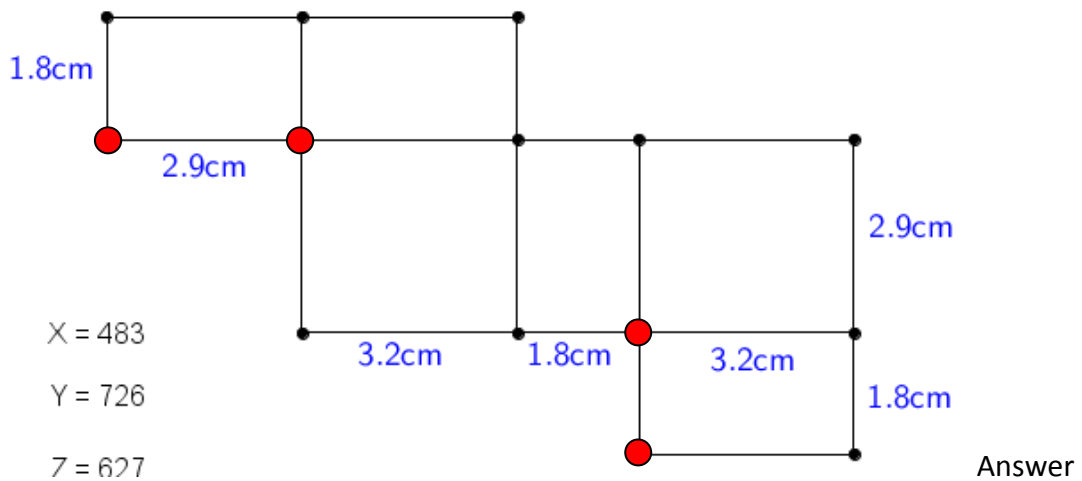


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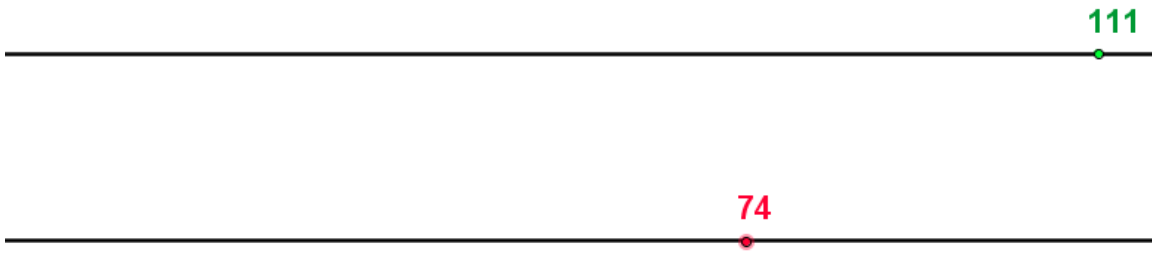
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且是 11 的倍數。

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| H | X | 1 | 2 | 2 | 1 |
|---|---|---|---|---|---|

|        |        |
|--------|--------|
| 英文字母部分 | BINGO! |
| 數目字部分  | BINGO! |

將整個車牌號碼作為答案。  
註：英文字母必須是大寫。

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|          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|
| <b>1</b> | <b>2</b> | <b>4</b> | <b>6</b> | <b>3</b> | <b>5</b> |
| <b>6</b> | <b>5</b> | <b>3</b> | <b>2</b> | <b>4</b> | <b>1</b> |
| <b>3</b> | <b>1</b> | <b>2</b> | <b>4</b> | <b>5</b> | <b>6</b> |
| <b>5</b> | <b>4</b> | <b>6</b> | <b>3</b> | <b>1</b> | <b>2</b> |
| <b>2</b> | <b>3</b> | <b>1</b> | <b>5</b> | <b>6</b> | <b>4</b> |
| <b>4</b> | <b>6</b> | <b>5</b> | <b>1</b> | <b>2</b> | <b>3</b> |

Answer