



香港資優數學協會
HONG KONG GIFTED
MATHEMATICS ASSOCIATION

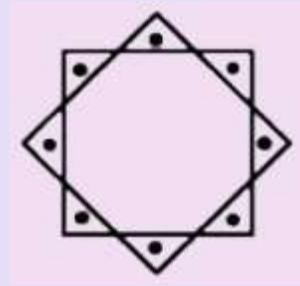
第十四屆香港數學挑戰賽

The 14th Hong Kong Mathematics Challenge

小學P6組 試題參考樣本

1. 下圖有多少條對稱軸？

How many axis of symmetry does the following graph have?



- A. 2
- B. 4
- C. 6
- D. 8

2. 有一個圓形的地盤，在擴建後直徑由 16m 增加至 20m，地盤的面積增加了多少？($\pi=3.14$)

There is a circular site. After expansion, the diameter increased from 16m to 20m. How much did the area of the site increase? ($\pi=3.14$)

A. 452.16m^2

B. 113.04m^2

C. 12.56m^2

D. 6.28m^2

3. 一包檸檬茶有250mL，新包裝檸檬茶的容量增加了25%。小明買四包新包裝的檸檬茶，共有多少升？

A bottle of lemon tea has 250mL, and the capacity of the new package of lemon tea has increased by 25%. Siu Ming buys four bottles of newly packaged lemon tea. How many liters are there in total?

- A. 1250
- B. 1.3
- C. 125
- D. 1.25

4. 在一個邊長為 16cm 的正方形內，畫一個圓，這個圓的面積最大是多少？ ($\pi = 3.14$)

In a square with a side length of 16cm, draw a circle. What is the maximum area of this circle? ($\pi = 3.14$)

- A. 12.56 cm^2
- B. 50.24 cm^2
- C. 200.96 cm^2
- D. 803.84 cm^2

小學P6組-試題參考樣本

答案

1. D

2. B

3. D

4. C