



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

第十二屆香港數學挑戰賽

The 12th Hong Kong Mathematics Challenge

小學P5組 試題參考樣本

1. 以下哪種立體圖形不可能有圓形的截面?

Which of the following three-dimensional figures cannot have a circular cross section?

- A. 六角柱體 Hexagonal prism
- B. 圓柱體 Cylinder
- C. 球體 Sphere
- D. 圓錐體 Cone

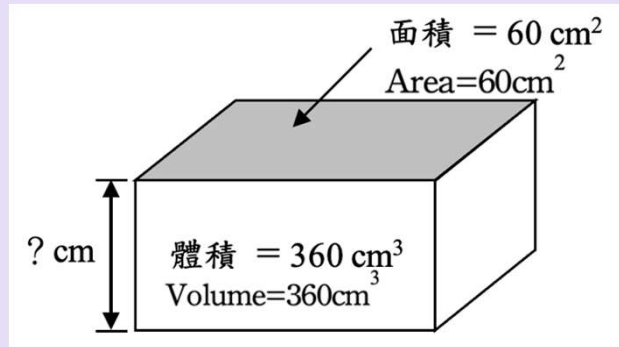
2. 小美有一個立體，它有四個形狀大小相同的面，這個立體是一個_____。

Siu Mei has a solid which has four faces of the same shape and size. It is a _____ .

- A. 正方體 Cube
- B. 三角柱體 Triangular prism
- C. 五角錐體 Pentagonal pyramid
- D. 三角錐體 Triangular pyramid

3. 下圖紙盒的高是多少cm ?

What is the height of the paper box in cm?



- A. 12cm
- B. 10cm
- C. 6cm
- D. 5cm

4. 某公司有100名職員，他們的平均年齡是40歲。男職員有40名，男職員的平均年齡是50歲。那麼女職員的平均年齡是多少？

A company has 100 employees and the average age is 40. There are 40 male employees whose average age is 50 years old. What is the average age of female employees in the company?

- A. 29
 B. 30
 C. 31
 D. $33\frac{1}{3}$

小學P5組-試題參考樣本

答案

1. A

2. D

3. C

4. D