



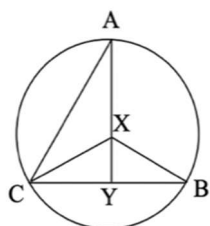
# 數學智能之第十四屆全港數學盃挑戰賽

## The 14<sup>th</sup> Hong Kong Mathematics Cup Challenge

### 小學 P6 組試題樣本

1. 根據下圖，AX 和 CX 是半徑。以下哪項是不正確的？

According to the diagram below, AX and CX are the radii.  
Which of the following is incorrect?



- A. X 點是圓心 (Point X is the center of the circle)
- B. AY 是直徑 (AY is the diameter)
- C. ACX 是等腰三角形 (ACX is an isosceles triangle)
- D. BX 是半徑 (BX is the radius)

2. 妹妹今年  $p$  歲，8年後她的歲數是\_\_\_\_\_歲。

Sister is  $p$  years old this year. After 8 years, she will be \_\_\_\_\_ years old.

- A.  $8 \div p$       B.  $8p$       C.  $p - 8$       D.  $p + 8$

3. 以下哪道算式的答案比 1 大？

Which of the following equations has an answer greater than 1?

- A.  $0.09 \times 8$       B.  $0.18 \times 4$       C.  $0.38 \times 3$       D.  $0.44 \times 2$

4. 小明付\$500買5本各售  $y$  元的數學參考書，應找回多少元？

Siu Ming paid \$500 to buy 5 Mathematics reference books, each costing  $y$  dollars. How much change should he get back?

- A.  $5y$       B.  $\$500 - 5y$       C.  $\$500 + 5y$       D.  $\$500 - y$



香港多元智能教育協會  
Hong Kong Multiple Intelligences  
Education Association

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1. B

2. D

3. C

4. B