

14. 答案: A

解題要點:

這題目是在考“等差數列”

一般解法:

$$\begin{aligned} & \text{第 10 項} \\ &= \text{首 10 項和} - \text{首 9 項和} \\ &= 10^2 - 9^2 \\ &= 100 - 81 \\ &= 19 \end{aligned}$$

解法 2:

$$\begin{aligned} & \text{首項} = a = \text{首 1 項和} = 1^2 = 1 \\ & \text{首項} + \text{第二項} = 2^2 = 4 \\ & \text{所以, 第二項} = 3; \text{即 公差 } d = 2 \end{aligned}$$

$$\begin{aligned} & \text{第 10 項} \\ &= a + (10-1)d \\ &= 1 + 9 \times 2 \\ &= 19 \end{aligned}$$