

小五數學溫習摘要

Primary 5 Mathematics Revision Summary

5N1 多位數

5N1 Large Numbers

讀寫、比較多位數，理解數位和位值，並運用四捨五入法取近似值及估計大的數量。

Learn to read, write and compare large numbers, understand what each digit means in its place, and estimate an answer.

學習重點

What to learn

- 按個、十、百、千、萬、十萬、百萬、千萬、億等數位讀寫數；同一數字在不同數位代表不同的值。
Read and write numbers using place value, including millions and hundred-millions. A digit's value depends on its place.
- 比較多位數大小時，先比較位數；位數相同便由最高位開始逐位比較。
To compare large numbers, first compare the number of digits. If they have the same number of digits, compare from the left.
- 用四捨五入法取近似值至指定數位，包括千位、萬位、十萬位、百萬位、千萬位及億位。
Round to the nearest thousand, ten-thousand, hundred-thousand, million, ten-million or hundred-million.
- 按指定間隔順數或倒數；看個位數字判斷奇偶。估計大數量時，可先估一小組，再乘組數。
Count forwards or backwards in given steps and use the units digit to identify odd or even numbers. Estimate a large total using groups.

考試前必記

Remember before a test

- 用中文讀數時，可由右至左每四位分組。例：3 005 040 讀作「三百萬五千零四十」。
For Chinese number names, group digits in fours from the right. For example, 3 005 040 is 三百萬五千零四十.
- 取近似值時先圈出指定數位，再看它右邊一位：0 至 4 捨去，5 至 9 進一。
Circle the required place and look at the digit immediately to its right. Round down for 0 to 4 and round up for 5 to 9.
- 完成四捨五入後，指定數位右邊的數字全部改為 0。
After rounding, change every digit to the right of the required place to 0.
- 近似值要配合題目要求，並用「約」或「 $\approx$ 」表示；不要把近似值當作準確值。
Follow the requested rounding place and use “about” or $\approx$. An approximate value is not an exact value.

常見錯誤

Common mistakes

- 漏寫數字 0，令整個數改變，例如把 3 005 040 寫成 35 040。
Missing a zero changes the number. For example, 3 005 040 must not be written as 35 040.
- 四捨五入時看錯數位，或把右邊所有數字一起判斷。只需看指定數位右邊一位。
Looking at the wrong digit when rounding. Only look at the digit immediately to the right of the required place.
- 只比較某一個數字，沒有先比較位數或最高位。
Comparing only one digit without first checking the number of digits or the leftmost digit.
- 估算時保留過多無需要的數字，或漏寫「約」或「 $\approx$ 」。
Keeping unnecessary digits in an estimate, or omitting “about” or $\approx$.

快速自查

Quick check

☐ 能正確讀寫含有多個 0 的多位數 I can read and write large numbers with several zeros.	☐ 能說出每個數字代表多少 I can say how much each digit represents.
☐ 能按指定位置取近似值 I can round to a given place.	☐ 能用估算看看答案是否合理 I can use estimation to check whether an answer makes sense.