Extract common factors

Polynomial

2 to the power of n

Square of 2

The third root of n

Recursively

Iterate

Continues iterating until …

Approximation

Provided value

Fraction

Factorial

Define the function names …

Initialize …

We set x equals 1

Is less than or equal to

X can be divided by y with no remainder

Loop iterates through each character in the string

Absolute value

Iterate until convergence

Once the loop exits, it would return the final result .

The function takes a 2D-vector/unordered map /two-dimensional array to represent the matrix, and returns an integer.

The current element

Check for … condition

Backtrack

Metaverse

Base case

Inequality /equation

Use the assumption to prove that the inequality holds for k + 1, where k + 1 >= 5

Show that ….（发现成立）

Draw a conclusion based on the principle of mathematical induction.