07. Nested Square Root Evaluator

Condition:

Write a program that validates and evaluates an expression with nested square roots. The program must be able to recognize the square root symbols and evaluate the expression, respecting the correct order of operations.

Input:

- The first line contains a string containing an arithmetic expression with embedded square roots. The square root is denoted by the symbol √.

Output:

- The result of the expression is output as an integer or decimal number.

Examples:

Input	Output
√(16) + √(25)	9
√(4 + √(9))	2