

Simultaneous Linear Equations (translated by WKH)

Mode Selection:

To solve simultaneous linear equations with complex coefficients, remember to choose the complex mode (CMPLX).

Program Input Method: (50 bytes)

For the following equation: B^{-1} represents the inverse of B

?→A: ?→B: ?→C : ?→D : ?→X : ?→Y: (YB - CX) ÷ (DB - AX → X ▲ $B^{-1}(C - A$

Ans → Y

Testing Example Equations:

$$\begin{cases} x + y = 7 \\ x - y = 1 \end{cases}$$

Press Prog, then press 1 EXE 1 EXE 7 EXE 1 EXE - 1 EXE 1 EXE (displays 4) EXE
(displays 3)

Therefore, the solution is $x = 4$ and $y = 3$.