

# The World's First Calculator to Flip with Ease Through Formula Expansions and Factoring

You can factor at a touch, and find speedy solutions to equations with no paperwork.

Compact Case, Foldable Design!



- \* Formula function takes the complexities out of formulas, solves them in quick order. Also gives formula simplification, expansion, factoring, and equation solutions.
- \* Stores your own three formulas for recall anytime.
- \* 12 value memories allow wide scope for rapid algebraic work.
- \* Makes way for ultra-high speed calculating.
- \* Total view formulas on expansive 24-character display.
- \* 34 of the most commonly used scientific functions.

SCIENTIFIC CALCULATOR

**CASIO** *fx-5500*

## Simplification

$$5x^2 + 7x - 6 - 3x^2 + 2x + 9 \Rightarrow 2x^2 + 9x + 3$$

$$(-2a)^2 \times (-3b) \Rightarrow -12a^2b$$

## Expansion

$$(3x+2)(x-4) \Rightarrow 3x^2 - 10x - 8$$

$$(a^3 - 6a + 1)(2a - 3) \Rightarrow 2a^4 - 3a^3 - 12a^2 + 20a - 3$$

## Factoring

$$2a^2 - 6a \Rightarrow 2a(a - 3)$$

$$8a^3 - 1 \Rightarrow (4a^2 + 2a + 1)(2a - 1)$$

## Equation Solution

$$x^2 + x - 6 = 0 \Rightarrow x = 2, -3$$

$$\begin{cases} 2x + 3y = 8 \\ x + y = 3 \end{cases} \Rightarrow x = 1, y = 2$$



