

Zapamiętaj



Wykonując **mnożenie** dwóch sum algebraicznych przemnóż każdy wyraz **pierwszej sumy** przez każdy wyraz **drugiej sumy**.

$$\underbrace{(a+b)} \cdot (c+d) = ac + ad + bc + bd$$

Diagram illustrating the FOIL method for $(a+b) \cdot (c+d)$. Arrows connect terms as follows:

- $a \cdot c$ (top-left to top-right)
- $a \cdot d$ (top-left to bottom-right)
- $b \cdot c$ (bottom-left to top-right)
- $b \cdot d$ (bottom-left to bottom-right)

$$\underbrace{(x-2)} \cdot (x+3) = x^2 + \underline{3x} - \underline{2x} - 6 = x^2 + x - 6$$

Diagram illustrating the FOIL method for $(x-2) \cdot (x+3)$. Arrows connect terms as follows:

- $x \cdot x$ (top-left to top-right)
- $x \cdot 3$ (top-left to bottom-right)
- $-2 \cdot x$ (bottom-left to top-right)
- $-2 \cdot 3$ (bottom-left to bottom-right)

