

$$\begin{array}{l} \text{F} \quad \text{First} \times \text{First} \quad \begin{array}{cc} \text{F} & \text{F} \end{array} \\ (x + 4)(2x - 1): \quad x(2x) = 2x^2 \end{array}$$

$$+ \text{O} \quad \text{Outer} \times \text{Outer} \quad \begin{array}{cc} \text{O} & \text{O} \end{array} \\ (x + 4)(2x - 1): \quad x(-1) = -x$$

$$+ \text{I} \quad \text{Inner} \times \text{Inner} \quad \begin{array}{cc} \text{I} & \text{I} \end{array} \\ (x + 4)(2x - 1): \quad 4(2x) = 8x$$

$$+ \text{L} \quad \text{Last} \times \text{Last} \quad \begin{array}{cc} \text{L} & \text{L} \end{array} \\ (x + 4)(2x - 1): \quad 4(-1) = -4$$

$$(x + 4)(2x - 1) = 2x^2 - x + 8x - 4 = 2x^2 + 7x - 4$$