

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

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

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

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

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