

Multiplication *Trick*

$$15 * 31 = \underline{\hspace{2cm}}$$

$$123 * 85 = \underline{\hspace{3cm}}$$

$$(x - 4)(3x + 2) = \underline{\hspace{10em}}$$

$$(b^2 + 6b - 7)(3b - 4) = \underline{\hspace{10em}}$$

Distributing (Without “The Box”)

$$2x^3(x^3 + 3x^2 - 2x + 5)$$

$$(2x^2 + 5x - 1)(4x - 3)$$

“Jumbo Problems”

$$x^2(7x + 5) - (2x + 6)(x - 1)$$

What's the area of the shaded region?

