

Use what you know about ways of writing algebraic expressions in equivalent forms to produce simplest possible expanded and where possible factored forms of these expressions. Make sure all answers are in standard form.

$$x(7x + 5) - 2(x^2 - 10x)$$

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

Multiply:

$$(6x - 7)(2x + 3)$$

$$(3x - 1)(2x^2 + 9x - 4)$$

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