

Expanding pairs of brackets - Extension

$$(2x + 7)(x + 3) = 2x^2 + 13x + 21$$

$$(3x + 2)(5x + 6) = 15x^2 + 28x + 12$$

$$(5x - 2)(2x + 9) = 10x^2 + 41x - 18$$

$$(4x + 12)(7x + 3) = 28x^2 + 96x + 36$$

$$(10x + 2)(x - 11) = 10x^2 - 108x - 22$$

$$(x - 13)(4x + 5) = 4x^2 - 47x - 65$$

$$(6x - 6)(3x - 5) = 18x^2 - 48x + 30$$

$$(8 - 3x)(x + 3) = -3x^2 - x + 24$$

$$(4 - 5x)(2 - 3x) = 15x^2 - 22x + 8$$

$$(5x + 3)^2 = 25x^2 + 30x + 9$$

$$(2x + 7)(2x - 7) = 4x^2 - 49$$