

Multiplying Binomials - FOIL 1 - KEY

- $(x + 1)(x + 2) = x^2 + 3x + 2$
- $(x + 1)(x - 3) = x^2 - 2x - 3$
- $(x + 8)(x - 1) = x^2 + 7x - 8$
- $(x - 2)(x + 2) = x^2 - 4$
- $(x + 2)(x + 7) = x^2 + 9x + 14$
- $(x - 2)(x - 3) = x^2 - 5x + 6$
- $(x - 5)(x + 3) = x^2 - 2x - 15$
- $(x + 5)(x - 5) = x^2 - 25$
- $(x - 4)(x - 4) = x^2 - 8x + 16$
- $x(x - 6) = x^2 - 6x$
- $x + 2(x + 1) = 3x + 2$
- $(2x + 3)(3x + 1) = 6x^2 + 11x + 3$
- $(4x - 5)(4x + 5) = 16x^2 - 25$
- $(5x + 1)(5x - 1) = 25x^2 - 1$
- $(x + 1)^2 = x^2 + 2x + 1$
- $(x + 6)^2 = x^2 + 12x + 36$
- $(x + 5)(x + 6) = x^2 + 11x + 30$
- $(x + 3)^2 = x^2 + 6x + 9$
- $(x - 1)(x + 8) = x^2 + 7x - 8$
- $(x - 5)^2 = x^2 - 10x + 25$
- $(x - 4)(x + 6) = x^2 + 2x - 24$
- $(x - 2)(x - 7) = x^2 - 9x + 14$
- $(x + 4)(x + 9) = x^2 + 13x + 36$
- $(x + 5)(x - 3) = x^2 + 2x - 15$
- $(x - 3)(x + 3) = x^2 - 9$
- $(x + 10)(x + 2) = x^2 + 12x + 20$
- $(x - 7)(x - 8) = x^2 - 15x + 56$
- $(x - 7)(x + 6) = x^2 - x - 42$
- $(3x - 2)(3x - 1) = 9x^2 - 9x + 2$
- $(7x + 8)(7x - 8) = 49x^2 - 64$
- $(4x - 5)(x + 5) = 4x^2 + 15x - 25$
- $(x + 7)^2 = x^2 + 14x + 49$