

POLYNOMIALS: FOIL BOX METHOD Part 1

	BINOMIAL #2	
BINOMIAL #1	F first terms	O outer terms
	I inner terms	L last terms

FOIL(Distributive) Box Method: The box method does the exact same multiplications as our standard FOIL method, but gives it in a graphic organizer.

- Be careful of positive and negatives.
- Combine like terms of boxes to finish.

Exp 1: $(x + 2)(x + 1)$

Exp 2: $(y + 3)(y - 4)$

Exp 3: $(a - 5)(a - 7)$

Exp 4: $(3x + 2)(x + 4)$

Exp 5: $(5b + 9)(b - 4)$

Exp 6: $(2n - 7)(3n + 3)$

Exp 7: $(2x - 5)(2x - 5)$

Exp 8: $(8r^2 - 2r)(5r + 4)$

Exp 9: $(2x + 5y)(7y - 3x)$