Multiplying Binomials

CCLS: HSA-REI.A.1
Understand solving equations as a process of reasoning and explain that reasoning.

What is a binomial?
A binomial is...
A binomial is not...

Distributive Method

(2x + 3)(x + 7)

Box Method

(x - 5)(6x + 12)
F.O.I.L. Method

\[(8 - 5x)^2\]

Extra Practice

1. \((x + 1)(x - 3)\)
2. \((3p + 3)(6p + 2)\)
3. \((y + 2)(4 + y)\)
4. \((3 + x)(7 - x)\)
5. \((m + 10)(m - 10)\)
6. \((2x^2 + 1)(4x^2 - 5)\)
7. \((6x - 3)(8x + 1)\)
8. \((2a + b)(a + 2b)\)
9. \((2j - 8)^2\)
10. \((r^3 + 6)^2\)

What's the main idea?
(words are great, but diagrams are cool too!)

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