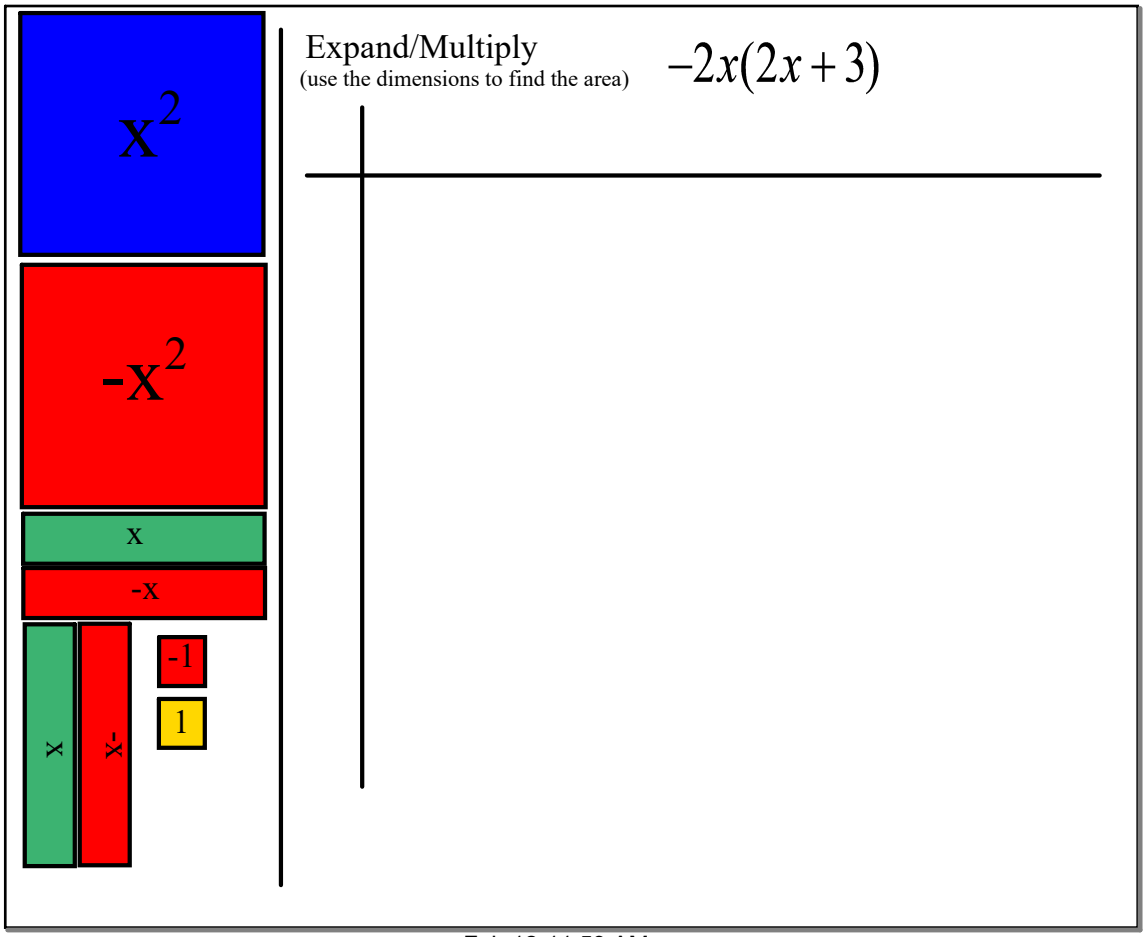
Advanced Distributive Property

Learning Goal:

By the end of today, we will be able to apply the Distributive property to expressions involving decimals and fractions.

By the end of today, we will be able to apply the Distributive Property to two binomials being multiplied together, and binomials multiplied with trinomials.

Mar 2-9:22 AM



Feb 12-11:53 AM

Expand and Simplify

$2.5(4x^2 + 8x - 10)$

Mar 2-9:23 AM

Expand and Simplify

$0.5x^3(18x^2 + 5x)$

Mar 2-9:23 AM

Expand and Simplify

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

Mar 2-9:23 AM

Expand and Simplify

$\frac{3}{4}(12x+8)$

Mar 2-9:23 AM

Expand and Simplify

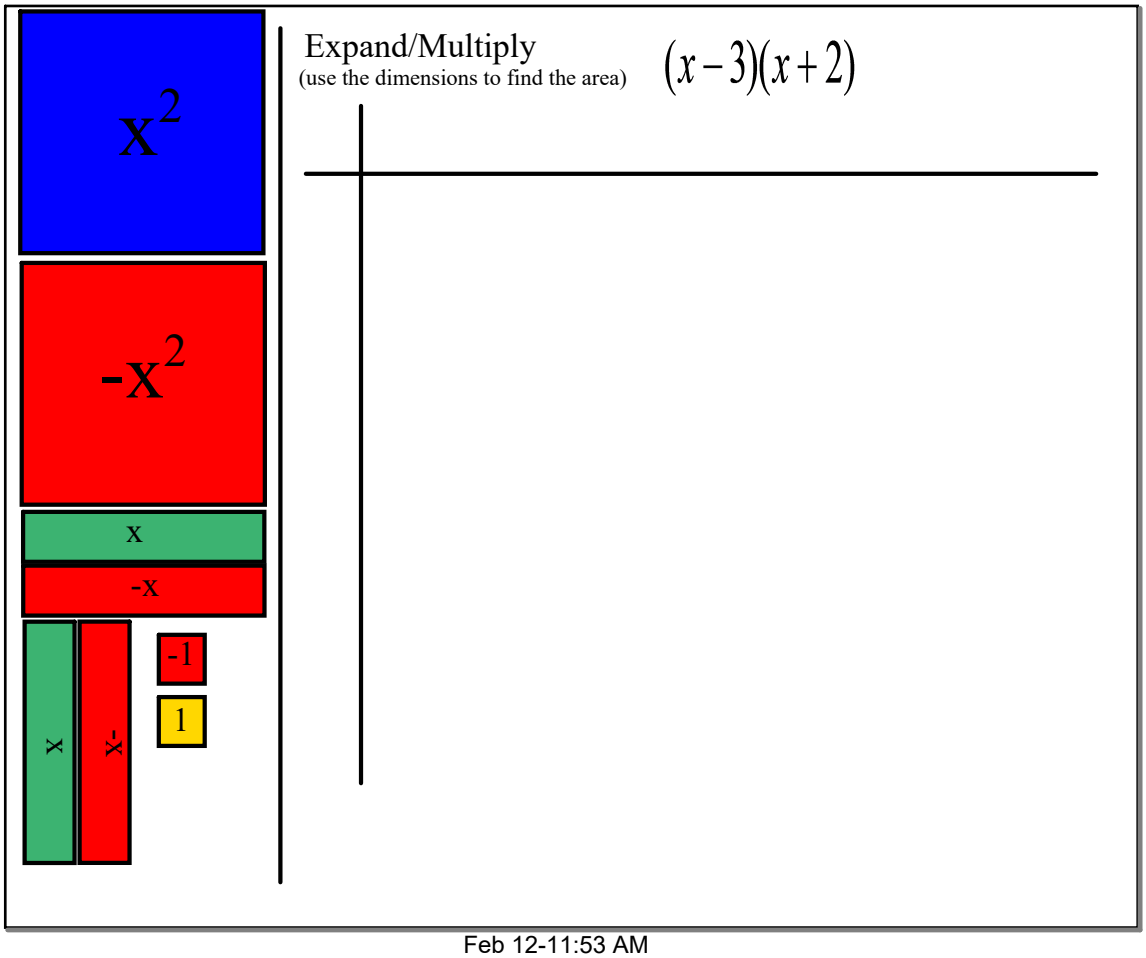
$$6(2x+5a-7b)$$

Mar 2-9:23 AM

Binomial x Binomial

$$(x+4)(x-3)$$

Oct 2-8:31 PM



Feb 12-11:53 AM

Short Cut - First Outside Inside Last (FOIL)

$(x+2)(x+3)$

	x	+3
x		
+2		

Oct 2-8:33 PM

Expand the following:

(a) $(x - 1)(x - 6)$

(b) $2(x + 5)(2x + 9)$

(c) $(2x - 3)(4x - 5)$

Oct 2-8:35 PM

Expand the following:

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

(b) $(2x + 5)(3x^2 + 5x + 1)$

(c) $2(3x - 1)(-2x^2 + 9x + 7)$

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

(e) $(2x - 3)^3$

Oct 2-8:35 PM

Homework

Page 95 - 97 #1, 4-6acf, 11ac, 9

Challenge 13, 15

Sep 23-9:38 PM