⊌lulumath

Factoring Trinomials $(ax^2 + bx + c)$ by Trial and Error (UnFOIL)

Video Notes

Video Link

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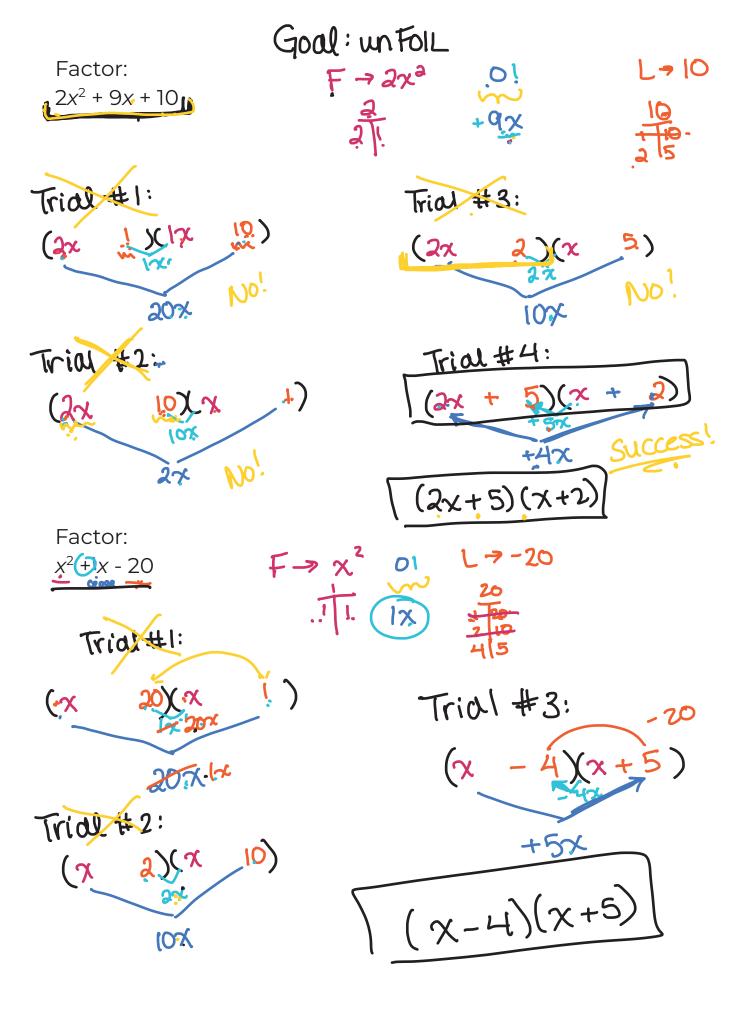
What background knowledge will I need?

☐ How to multiply a binomial by a binomial (FOIL)

Expand:

$$(2x+5)(3x+1)
(0x^{2}+2x+15x+5)
(0x^{2}+17x+5)
(0x$$

Factoring -> what binomials can
I multiply together to get this
expression?



Factor:

$$x^2 - 10x + 24$$

Trial #1:
$$(x + 2)(x-12)$$



Trial #2:
$$+24$$

 $(x-4)(x-6)$

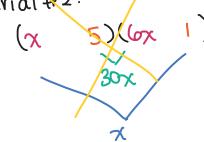
Factor:

$$6x^2 - 7x - 5$$





Trial#2:



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