Factoring Trinomials with 1 as Leading Coefficient

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What are General Trinomials?

When you multiply two binomial factors which are not identical, the result is a quadratic trinomial or general trinomial.

What are General Trinomials?

An expression in the form

$$ax^2 + bx + c$$

where a, b, and c are integers is called general trinomial.

a is the leading coefficient, bx is the middle term, and c is the constant term.

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- 2. List the factors of the last term (c).
- 3. Find two factors with a product equal to the last term (c) and a sum equal to the middle term (b).
- Write the factored form of the trinomial following the pattern

$$(x + \text{first factor})(x + \text{second factor})$$



Thank you for watching.