1-3 Factoring Polynomials

Objectives:

1-3a: I can completely factor binomial and trinomial expressions.

How to Factor a Quadratic

Factoring quadratics in the form $ax^2 + bx + c$

- 1. Factor out the GCF
- 2. Multiply a and c
- 3. Find two factors of ac that add to b
 *If ac is negative, factor.s must have opposite signs
 *If ac is positive, factors must have same (+ or -) signs
- 4. Re-write equation with b split up into factors
- 5. Find the GCF by grouping
- 6. Factor the GCF of the whole









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