

Procedure – Prime Factoring a Polynomial

1. Factor any G.C.F.
2. Choose the appropriate procedure.
 - a) Binomial – Use the difference of two squares or write as a trinomial with $b = 0$.
 - b) Trinomial – Check if it's a perfect square trinomial or a good candidate for guess and check, if it isn't use the AC method.
 - c) Four terms – Factor by grouping.
3. Check each polynomial factor and return to step 1 with any factor that isn't prime.