

Sec 5-4 Factoring Quadratic Expressions

Factoring should always start with

After removing a GCF, if there is one,

If you still have binomial you should look for the following.....

a² - b²

this is called the difference of perfect squares and ALWAYS factors into...

 $(a + b)(a - b) = (a \pm b)$

After removing a GCF, if there is one,

If you still have a trinomial quadratic you should do the following.....











you can now finish hwk #18. Sec 5-4

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problems 11, 23, 33, 40, 51, 59, 64, 65