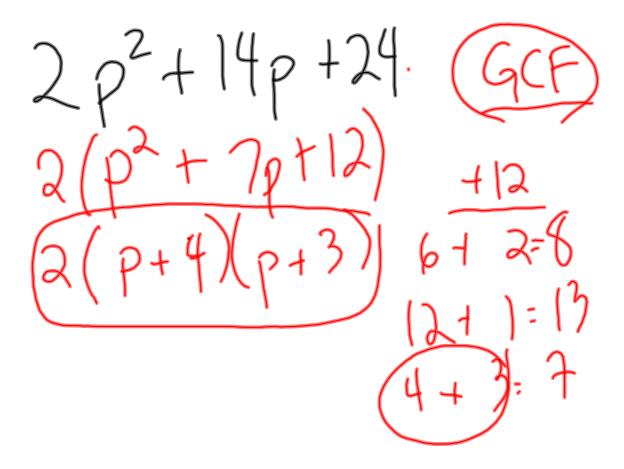
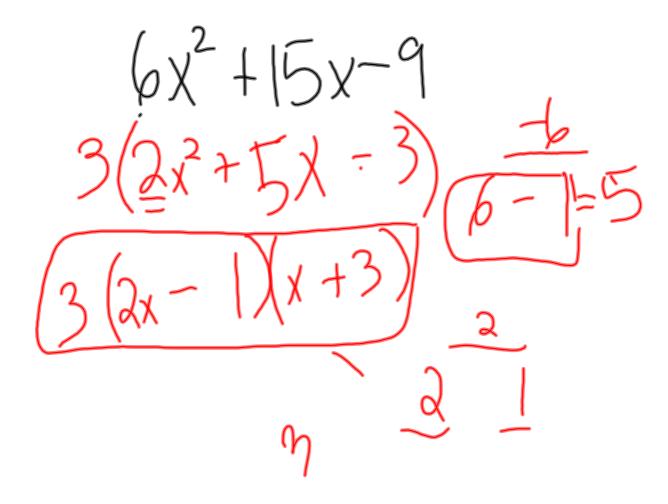
## Factoring Trinomials-Bottom's Up Method

Main Idea:

Factor and Solve Complex Trinomials

**Standards 11.0 and 14.0** 





## Steps for Factoring Quadratic Polynomials Using the .Bottoms Up. Method

- Write the Quadratic Polynomial in Stand Form:
   Ax² + Bx + C
  Factor the Greatest Common Factor
  Determine A. B. and C
- 3. Determine A, B, and C
- 4. Set up two Binomials with signs
- 5. Multiply A \* 🗲
- 6. Find the factors of A \* C
- 7. Write factors in the binomials.
- 8. Divide the last term in both binomials by A
- 9. Simplify the fractions
- 10. If one term in the binomial is a fraction use .Bottoms Up. by bringing

the denominator of the fraction in front of the x in the binomial.

11. Check the result

