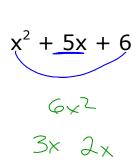
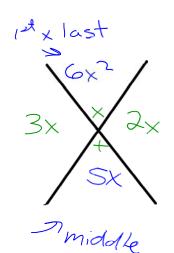
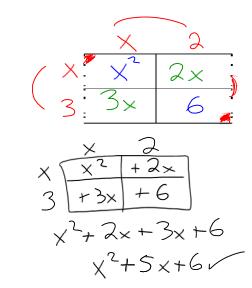
# Factoring Trinomials X-Box Method

### Section 9.3: Factoring Trinomials

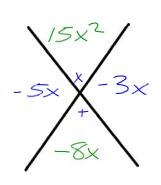
Factoring a trinomial in the form  $x^2 + bx + c$ . (no leading coefficient.)

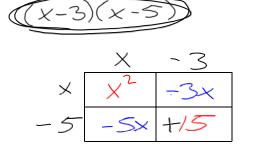






$$x^2 - 8x + 15$$





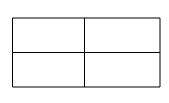
$$x^{2}-5x-3x+15$$
  
 $x^{2}-8x+15$ 

### Practice

Factor each trinomial. Check your answer.

$$x^2 + 6x + 9$$





$$m^2 + m - 20$$



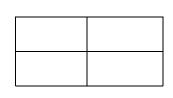


$$a^2 - 8a + 15$$



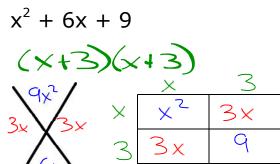
$$y^2 - 3y - 18$$

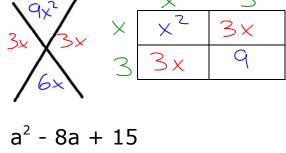


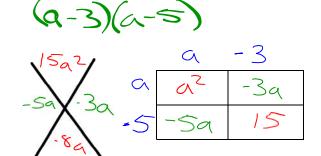


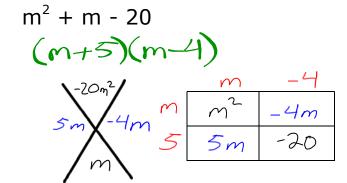
#### Practice

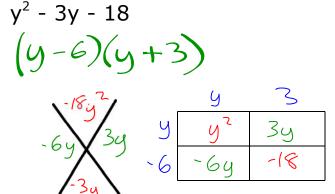
Factor each trinomial. Check your answer.











## Homework

pg. 475 #5-15 (odd), 16