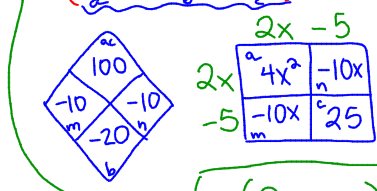
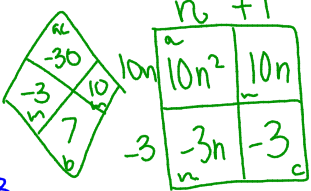


$18r^2 + 72r + 40$   
 $2(9r^2 + 36r + 20)$   
 $a=9 \quad b=36 \quad c=20$   
 $ac=180 \quad b=36$   
 $30 \cdot 6=180 \quad 30,6$   
 $9r^2 + 30r + 6r + 20$   
 $3r(3r+10) + 2(3r+10)$   
 $2(3r+10)(3r+2)$

$24x^2 - 120x + 150$   
 $6(4x^2 - 20x + 25)$   
  
 $2x \quad -5$   
 $4x^2 \quad -10x$   
 $-10x \quad 25$   
 $6(2x-5)(2x-5)$

$10n^4 + 7n^3 - 3n^2$   
 $n^2(10n^2 + 7n - 3)$   
 $ac = -30 \quad b = 7$   
 $-1, 30$   
 $1, -30$   
 $-2, 15$   
 $-3, 10$   
  
 $10n^2 - 3n + 10n - 3$   
 $n(10n-3) + 1(10n-3)$   
 $n^2(n+1)(10n-3)$   
 $n^2(10n-3)(n+1)$