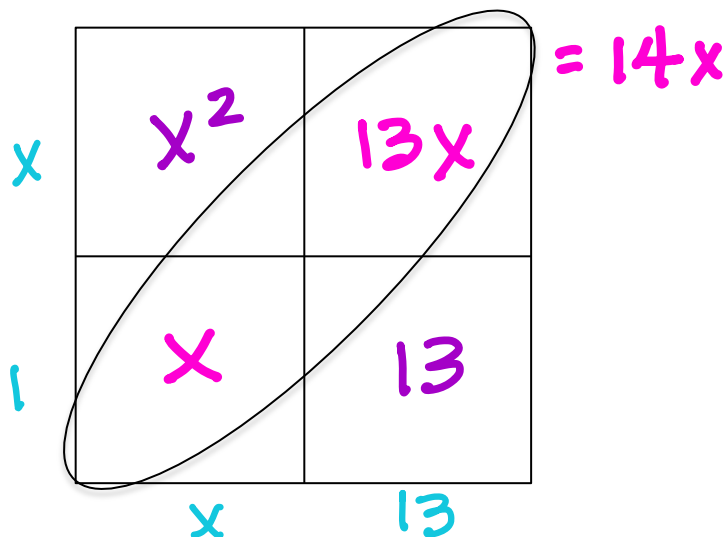


Equation: $x^2 + 14x + 13$

GCF = 1
 a = 1
 b = 14
 c = 13
 a·c = 13

Rewrite Equation with 4 terms:

$x^2 + x + 13x + 13$



Factors of a·c	Sum
1, 13	14
-1, -13	-14

There is no real need to find negative factors here because there are no negative terms in the original equation.

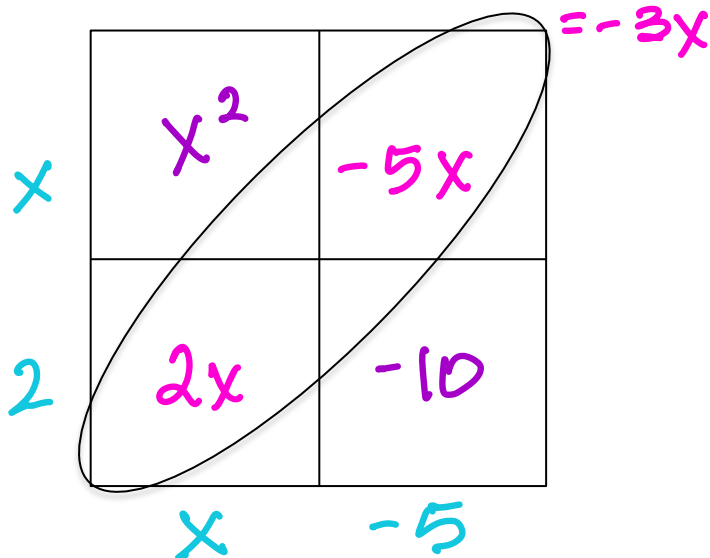
Factored Form: $(x+1)(x+13)$

Equation: $x^2 - 3x - 10$

GCF = 1
 a = 1
 b = -3
 c = -10
 a·c = -10

Rewrite Equation with 4 terms:

$x^2 + 2x - 5x - 10$



Factors of a·c	Sum
1, -10	-9
-1, 10	9
2, -5	-3
-2, 5	3

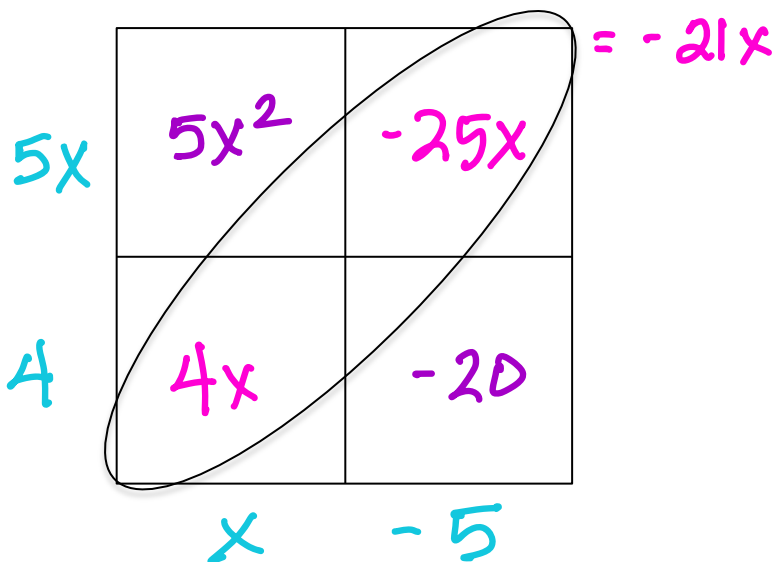
Factored Form: $(x+2)(x-5)$

Equation: $5x^2 - 21x - 20$

GCF = $\frac{1}{1}$
 a = $\frac{5}{5}$
 b = $\frac{-21}{-21}$
 c = $\frac{-20}{-20}$
 a·c = $\frac{-100}{-100}$

Rewrite Equation with 4 terms:

$5x^2 + 4x - 25x - 20$



Factors of a·c	Sum
-1, 100	99
1, -100	-99
-2, 50	48
2, -50	-48
-4, 25	21
4, -25	-21
-10, 10	0

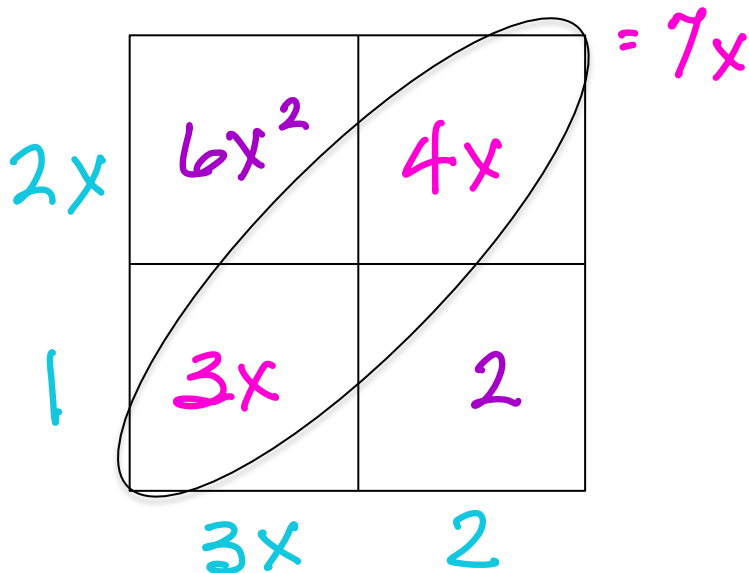
Factored Form: $(5x+4)(x-5)$

Equation: $6x^2 + 7x + 2$

GCF = $\frac{1}{1}$
 a = $\frac{6}{6}$
 b = $\frac{7}{7}$
 c = $\frac{2}{2}$
 a·c = $\frac{12}{12}$

Rewrite Equation with 4 terms:

$6x^2 + 3x + 4x + 2$



Factors of a·c	Sum
1, 12	13
2, 6	8
3, 4	7

Factored Form: $(2x+1)(3x+2)$