$$x^2 + \underset{\text{ADD}}{b}x + \underset{\text{MULTIPLY}}{c}$$

$$(x \quad \#_1)(x \quad \#_2)$$

Ex.

$$x^2 + \underset{\text{ADD}}{8}x + \underset{\text{MULT.}}{15}$$

1	15
3	5

$$= (x+3)(x+5) = x^2 + 5x + 3x + 15$$

$$= x^2 + 8x + 15$$

Ex.

$$x^2 + \underset{\text{MULT.}}{11}x + 24$$

1	24
2	12
3	8
4	6

$$= (x+3)(x+8)$$

$$x^2 + 9x + 14$$

1	14
2	7

$$= (x+2)(x+7)$$