

$$a x^2 + b x + c$$

$$\boxed{12} x^2 - 1 x - 6$$

$$(12) \cdot (-6)$$

$$-72$$

2	-36	-34
4	-18	-14
8	-9	-1

<del>8</del>	<del>2</del>	<del>-9</del>	<del>-3</del>
12	3	12	4

↓                      ↓                      ↓

$$(3x+2)(4x-3)$$

$$12x^2 - 9x + 8x - 6$$

$$\boxed{12x^2 - x - 6}$$

$$\underline{3} x^2 - 11 x + 10$$

$$3 \cdot 10$$

<del>-6</del>	<del>-2</del>	<del>-5</del>
3	1	3

$$30$$

-2	-15	-17
-3	-10	-13
-6	-5	-11

$$(1x-2)(3x-5)$$

$$3x^2 - 5x - 6x + 10$$

$$\boxed{3x^2 - 11x + 10}$$