

$$\textcircled{r} (y-11)(y-11)$$

$$y^2 - 11y - 11y + 121$$

$$y^2 - 22y + 121$$

$$(x-12)(x-12)$$

$$x^2 - 12x - 12x + 144$$

$$x^2 - 24x + 144$$

$$(x-3)(x-3)$$

$$x^2 - 3x - 3x + 9$$

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

$$(x-9)(x-9)$$

$$x^2 - 9x - 9x + 81$$

$$x^2 - 18x + 81$$

$$\textcircled{s} (r-1)(r+1)$$

$$r^2 + r - r - 1$$

$$r^2 - 1$$

$$(x-10)(x+10)$$

$$x^2 + 10x - 10x - 100$$

$$x^2 - 100$$

$$(x+7)(x-7)$$

$$x^2 - 7x + 7x - 49$$

$$x^2 - 49$$

$$(y-8)(y+8)$$

$$y^2 + 8y - 8y - 64$$

$$y^2 - 64$$

$$\textcircled{t} (x+5)(x-5)$$

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

$$x^2 - 25$$

$$(z+2)(z-2)$$

$$z^2 - 2z + 2z - 4$$

$$z^2 - 4$$

$$(m+6)(m-6)$$

$$m^2 - 6m + 6m - 36$$

$$m^2 - 36$$

$$(x+4)(x-4)$$

$$x^2 - 4x + 4x - 16$$

$$x^2 - 16$$

$$\textcircled{a} (4x+3)(x+5)$$

$$4x^2 + 20x + 3x + 15$$

$$4x^2 + 23x + 15$$

$$(-5v+5)(v+1)$$

$$-5v^2 - 5v + 5v + 5$$

$$-5v^2 + 5$$

$$(8x+9)(x+5)$$

$$8x^2 + 40x + 9x + 45$$

$$8x^2 + 49x + 45$$

$$(-y+3)(y+2)$$

$$-y^2 - 2y + 3y + 6$$

$$-y^2 + y + 6$$

$$\textcircled{b} (t+1)(5t+3)$$

$$5t^2 + 3t + 5t + 3$$

$$5t^2 + 8t + 3$$

$$(-x+10)(x+3)$$

$$-x^2 - 3x + 10x + 30$$

$$-x^2 + 7x + 30$$

$$(5x+4)(x+5)$$

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

$$5x^2 + 29x + 20$$

$$(y+7)(2y+6)$$

$$2y^2 + 6y + 14y + 42$$

$$2y^2 + 20y + 42$$

$$\textcircled{c} (3x+7)(4x+3)$$

$$12x^2 + 9x + 28x + 21$$

$$12x^2 + 37x + 21$$

$$(-x+8)(2x+7)$$

$$-2x^2 - 7x + 16x + 56$$

$$-2x^2 + 9x + 56$$

$$(4x+7)(4x+9)$$

$$16x^2 + 36x + 28x + 63$$

$$16x^2 + 64x + 63$$

$$(-x+6)(-x+8)$$

$$x^2 - 8x - 6x + 48$$

$$x^2 - 14x + 48$$

$$\textcircled{d} (6x+5)(2x+7)$$

$$12x^2 + 42x + 10x + 35$$

$$12x^2 + 52x + 35$$

$$(-x+8)(8x+3)$$

$$-8x^2 - 3x + 64x + 24$$

$$-8x^2 + 61x + 24$$

$$(3x+9)(3x+8)$$

$$9x^2 + 24x + 27x + 72$$

$$9x^2 + 51x + 72$$

$$(12x+12)(11x+11)$$

$$132x^2 + 132x + 132x + 132$$

$$132x^2 + 264x + 132$$

$$\textcircled{e} (-x-3)(-x-5)$$

$$x^2 + 5x + 3x + 15$$

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

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

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

$$6v^2 - 13v + 5$$

$$(7x-9)(5x-5)$$

$$35x^2 - 35x - 45x + 45$$

$$35x^2 - 80x + 45$$

$$(3y-3)(5y-2)$$

$$15y^2 - 6y - 15y + 6$$

$$15y^2 - 21y + 6$$

$$\textcircled{f} (2t-1)(5t-3)$$

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

$$10t^2 - 11t + 3$$

$$(3x-10)(6x-3)$$

$$18x^2 - 9x - 60x + 30$$

$$18x^2 - 69x + 30$$

$$(2x-4)(2x-5)$$

$$4x^2 - 10x - 8x + 20$$

$$4x^2 - 18x + 20$$

$$(5y-7)(4y-6)$$

$$20y^2 - 30y - 28y + 42$$

$$20y^2 - 58y + 42$$

$$\textcircled{g} (6x-7)(x-3)$$

$$6x^2 - 18x - 7x + 21$$

$$6x^2 - 25x + 21$$

$$(x-8)(5x-7)$$

$$x^2 - 7x - 40x + 56$$

$$x^2 - 47x + 56$$

$$(4x-7)(x-9)$$

$$4x^2 - 36x - 7x + 63$$

$$4x^2 - 43x + 63$$

$$(x-6)(2x-8)$$

$$2x^2 - 8x - 12x + 48$$

$$2x^2 - 20x + 48$$