$x^2 + x$	$x^2 + 2x + 1$	$x^2 - 1$
$x^2 - x$	$x^2 - 2x + 1$	$x^2 + x - 2$
$x^2 + 3x + 2$	$x^2 - 3x + 2$	$x^2 - x - 2$
$x^2 + 2x - 3$	$x^2 - 2x - 3$	$x^2 + 5x + 4$

$x(x + 1)$	$(x + 1)^2$	$(x + 1)(x - 1)$
$x(x - 1)$	$(x - 1)^2$	$(x + 2)(x - 1)$
$(x + 2)(x + 1)$	$(x - 2)(x - 1)$	$(x - 2)(x + 1)$
$(x + 3)(x - 1)$	$(x - 3)(x + 1)$	$(x + 4)(x + 1)$

$x^2 + 2x$	$x^2 + 4x + 4$	$x^2 - 4$
$x^2 - 2x$	$x^2 - 4x + 4$	$x^2 + 3x$
$x^2 + 4x$	$x^2 - 5x + 4$	$x^2 - 3x$
$x^2 - 4x$	$x^2 + 3x - 4$	$x^2 - 3x - 4$

$x(x + 2)$	$(x + 2)^2$	$(x + 2)(x - 2)$
$x(x - 2)$	$(x - 2)^2$	$x(x + 3)$
$x(x + 4)$	$(x - 4)(x - 1)$	$x(x - 3)$
$x(x - 4)$	$(x + 4)(x - 1)$	$(x - 4)(x + 1)$

$2x^2 + 2x$	$4x^2 + 4x + 1$	$4x^2 - 1$
$2x^2 - 2x$	$4x^2 - 4x + 1$	$2x^2 + 3x - 2$
$2x^2 + 3x + 1$	$2x^2 - x - 1$	$2x^2 - 3x - 2$
$2x^2 - 3x + 1$	$2x^2 + x - 1$	$2x^2 - 5x + 2$

$2x(x + 1)$	$(2x + 1)^2$	$(2x + 1)(2x - 1)$
$2x(x - 1)$	$(2x - 1)^2$	$(x + 2)(2x - 1)$
$(2x + 1)(x + 1)$	$(x - 1)(2x + 1)$	$(x - 2)(2x + 1)$
$(2x - 1)(x - 1)$	$(x + 1)(2x - 1)$	$(x - 2)(2x - 1)$

$3x^2 + 3x$	$9x^2 + 6x + 1$	$9x^2 - 1$
$3x^2 - 3x$	$9x^2 - 6x + 1$	$3x^2 + 5x - 2$
$3x^2 + 4x + 1$	$3x^2 - 2x - 1$	$3x^2 - 5x - 2$
$3x^2 - 4x + 1$	$3x^2 + 2x - 1$	$3x^2 - 7x + 2$

$3x(x + 1)$	$(3x + 1)^2$	$(3x + 1)(3x - 1)$
$3x(x - 1)$	$(3x - 1)^2$	$(x + 2)(3x - 1)$
$(3x + 1)(x + 1)$	$(x - 1)(3x + 1)$	$(x - 2)(3x + 1)$
$(3x - 1)(x - 1)$	$(x + 1)(3x - 1)$	$(x - 2)(3x - 1)$

$3x^2 + x$	$9x^2 + 12x + 4$	$6x^2 - x - 1$
$3x^2 - x$	$9x^2 - 12x + 4$	$6x^2 + x - 1$
$3x^2 + 7x + 2$	$3x^2 - x - 2$	$3x^2 - 4x - 4$
$3x^2 - 5x + 2$	$3x^2 + x - 2$	$3x^2 - 10x + 3$

$x(3x + 1)$	$(3x + 2)^2$	$(3x + 1)(2x - 1)$
$x(3x - 1)$	$(3x - 2)^2$	$(2x + 1)(3x - 1)$
$(3x + 1)(x + 2)$	$(x - 1)(3x + 2)$	$(x - 2)(3x + 2)$
$(3x - 2)(x - 1)$	$(x + 1)(3x - 2)$	$(x - 3)(3x - 1)$

$4x^2 + 12x + 9$	$9x^2 + 24x + 16$	$9x^2 - 4$
$4x^2 - 12x + 9$	$9x^2 - 24x + 16$	$4x^2 - 9$
$2x^2 + 9x + 9$	$6x^2 + 13x + 6$	$4x^2 - 25$
$2x^2 + 13x + 21$	$4x^2 + 8x + 3$	$8x^2 + 34x + 21$

$(2x + 3)^2$	$(3x + 4)^2$	$(3x - 2)(3x + 2)$
$(2x - 3)^2$	$(3x - 4)^2$	$(2x - 3)(2x + 3)$
$(2x + 3)(x + 3)$	$(3x + 2)(2x + 3)$	$(2x - 5)(2x + 5)$
$(x + 3)(2x + 7)$	$(2x + 1)(2x + 3)$	$(4x + 3)(2x + 7)$

$15x^2 + 11x + 2$	$10x^2 + 11x - 6$	$14x^2 + x - 3$
$10x^2 + 23x + 12$	$4x^2 + 4x - 15$	$6x^2 + 13x - 8$
$3x^2 + 20x + 12$	$4x^2 - 31x - 8$	$12x^2 - 28x - 5$
$4x^2 + 11x + 6$	$9x^2 + 9x - 10$	$9x^2 + 5x - 4$

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

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

$(2x + 1)(7x - 3)$

$(5x + 4)(2x + 3)$

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

$(3x + 8)(2x - 1)$

$(3x + 2)(x + 6)$

$(4x + 1)(x - 8)$

$(6x + 1)(2x - 5)$

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

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

$(x + 1)(9x - 4)$

$8x^2 - 22x + 5$	$8x^2 + 13x - 6$	$10x^2 + 13x - 9$
$10x^2 - 21x + 9$	$6x^2 + 35x - 6$	$9x^2 - 16$
$12x^2 - 28x + 15$	$6x^2 - 11x - 35$	$4x^2 - 11x - 15$
$10x^2 - 27x + 14$	$6x^2 - 5x - 21$	$24x^2 + 2x - 15$

$(4x - 1)(2x - 5)$	$(8x - 3)(x + 2)$	$(5x + 9)(2x - 1)$
$(5x - 3)(2x - 3)$	$(6x - 1)(x + 6)$	$(3x + 4)(3x - 4)$
$(6x - 5)(2x - 3)$	$(3x + 5)(2x - 7)$	$(x + 1)(4x - 15)$
$(10x - 7)(x - 2)$	$(2x + 3)(3x - 7)$	$(4x - 3)(6x + 5)$