tip: $(ax + b)(cx + d) = acx^2 + (ad + bc)x + bd$

(1) $(x + 3)(2x - 9)$

$$2x^2 - 3x - 27$$

(2) $(x - 5)(x - 7)$

$$x^2 - 12x + 35$$

(3) $(x + 6)(x + 5)$

$$x^2 + 11x + 30$$

(4) $(x - 6)(x - 9)$

$$x^2 - 15x + 54$$

(5) $(2x - 7)(2x - 10)$

$$4x^2 - 34x + 70$$

(6) $(x + 9)(x + 8)$

$$x^2 + 17x + 72$$

(7) $(2x - 5)(2x - 3)$

$$4x^2 - 16x + 15$$

(8) $(2x - 9)(2x + 7)$

$$4x^2 - 4x - 63$$

(9) $(2x - 1)(x + 3)$

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

(10) $(2x + 6)(x - 10)$

$$2x^2 - 14x - 60$$

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

$$x^2 - 2x - 8$$

(12) $(2x + 8)(2x + 1)$

$$4x^2 + 18x + 8$$

(13) $(x - 10)(x + 4)$

$$x^2 - 6x - 40$$

(14) $(2x + 2)(2x + 8)$

$$4x^2 + 20x + 16$$

(15) $(x + 9)(2x - 5)$

$$2x^2 + 13x - 45$$

(16) $(2x + 8)(2x + 5)$

$$4x^2 + 26x + 40$$

(17) $(2x - 10)(x - 8)$

$$2x^2 - 26x + 80$$

(18) $(x + 9)(x - 10)$

$$x^2 - x - 90$$

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

$$x^2 - 8x - 9$$

(20) $(2x + 3)(2x + 4)$

$$4x^2 + 14x + 12$$

(21) $(x - 8)(2x + 4)$

$$2x^2 - 12x - 32$$

(22) $2x(2x + 6)$

$$4x^2 + 12x$$

(23) $(2x + 3)(2x - 5)$

$$4x^2 - 4x - 15$$

(24) $(2x - 9)(x - 10)$

$$2x^2 - 29x + 90$$

(25) $(2x - 9)(2x - 2)$

$$4x^2 - 22x + 18$$

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

$$x^2 + 7x - 8$$

(27) $(2x + 3)(2x - 3)$

$$4x^2 - 9$$

(28) $(2x + 7)(2x + 9)$

$$4x^2 + 32x + 63$$

(29) $(2x + 9)(2x - 6)$

$$4x^2 + 6x - 54$$

(30) $(2x - 4)(x - 8)$

$$2x^2 - 20x + 32$$

(31) $(2x + 2)(2x - 8)$

$$4x^2 - 12x - 16$$

(32) $(2x - 7)(2x - 5)$

$$4x^2 - 24x + 35$$

(33) $(x - 7)(2x - 6)$

$$2x^2 - 20x + 42$$

(34) $(2x + 2)(x - 10)$

$$2x^2 - 18x - 20$$

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

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

(36) $(x - 2)(x - 10)$

$$x^2 - 12x + 20$$

(37) $(2x - 1)(x + 4)$

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

(38) $(2x - 9)(2x - 6)$

$$4x^2 - 30x + 54$$

(39) $(x - 9)(2x - 4)$

$$2x^2 - 22x + 36$$

(40) $(x - 7)(2x - 3)$

$$2x^2 - 17x + 21$$