

1 次の式を因数分解せよ。

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

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

(3) $2x^2 + 7x + 3$

(4) $2x^2 - 9x + 10$

(5) $4x^2 + 11x - 3$

(6) $8x^2 - 2x - 15$

(7) $3a^2 - 10ab + 8b^2$

(8) $3a^2 + 4ab - 4b^2$

(9) $5x^2 - 7xy - 6y^2$

(10) $12x^2 - 7xy - 12y^2$

(11) $6x^2 + 17xy + 12y^2$

(12) $12x^2 - 23xy + 10y^2$

2 次の式を因数分解せよ。

(1) $2x^2 + 11x + 5$

(2) $2x^2 - 11x + 5$

(3) $2x^2 - x - 6$

(4) $2x^2 + xy - 6y^2$

(5) $4t^2 + 8t + 3$

(6) $10x^2 - 23x + 12$

(7) $12x^2 - x - 6$

(8) $6x^2 + 13xy + 6y^2$

(9) $6x^2 + xy - 15y^2$

(10) $8a^2 - 14ab - 15b^2$