

《問題》次の式を因数分解しなさい.

(1)

$$6x^2 - xy - 12y^2 + 23x + 42y - 18$$

(2)

$$6x^2 + xy - 12y^2 - 12x + 33y - 18$$

(3)

$$6x^2 - xy - 12y^2 + 12x - 35y - 18$$

(4)

$$12x^2 + 14xy - 6y^2 - x + 15y - 6$$

(5)

$$12x^2 - 14xy - 6y^2 + x + 15y - 6$$

(6)

$$12x^2 - xy - 6y^2 - 21x + 20y - 6$$

(7)

$$12x^2 - 12y^2 - 5x + 13y - 3$$

(8)

$$12x^2 - 12y^2 + 5x + 13y - 3$$

(9)

$$12x^2 - 10xy - 12y^2 - 9x + 20y - 3$$

(10)

$$12x^2 + 10xy - 12y^2 - 9x - 20y - 3$$