

練習問題 8. 次の式を展開しなさい。

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

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

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

(4)  $2x(x + 3) - (x - 6)(x + 9)$

(5)  $(x - 2)(x - 8) - (x - 5)^2$

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

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

(8)  $4(5x - 2)(5x + 2) - 3(2x + 1)(2x + 5)$

(9)  $(x - 3y)(x + 4y) - (x + 3y)^2$

(10)  $3(2x - 3y)^2 - 5(3x + 6y)(3x - 5y)$