

展開 演習編 問題

1 以下の式を展開せよ.

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

(2) $(x + 6)^2$

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

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

(5) $(x + 5y)(x + y)$

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

(7) $(5x - y)(x - 6y)$

(8) $-(3x - 2y)(6x - y)$

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

(10) $3(x + 2)(-x + 1)$

(11) $(x + y + z)^2$

(12) $(2x - 1)(3x^2 + 2)$

(13) $3x(x^2 + 1)(x + 1)$

$$(14) \quad (2x + y)(2x^2 - 3xy - y^2)$$

$$(15) \quad (x + 2)(x^2 - 3x + 1)$$

$$(16) \quad (x - 1)^2(x + 1)^2$$

$$(17) \quad (x^2 + y^2)(x + y)(x - y)$$

$$(18) \quad (x^2 + x - 1)(x^2 + x - 1)$$