

復習 No.1

名前 ( )			
次の式を展開しなさい。			
(1) $(x + 6)(y + 2)$	(2) $(a - 3)(b + 2)$	(9) $(x + 7)(x - 7)$	(10) $(a + b)^2$
(3) $(a + 1)(a - b + 2)$	(4) $(2x + y - 1)(5x - 3y)$	(13) $(x + 6)(x + 2)$	(14) $(8 + a)^2$
(5) $(x + 3)(x + 6)$	(6) $(x + 1)(x - 3)$	(15) $(a - 2)(a + 5)$	(16) $(x - 9)(9 + x)$
(7) $(x + 6)^2$	(8) $(a + 9)^2$	(17) $(3x - 4)(3x - 2)$	(18) $(-4a + 3)(-4a - 6)$
(9) $(x + 3)(x - 3)$	(10) $(x - 5)(x + 5)$	(19) $(5x + 2)^2$	(20) $(3x - 4y)^2$
(11) $(x - 4)^2$	(12) $(x - 6)(x + 4)$	(21) $(6x + 7)(6x - 7)$	(22) $(7a - 4b)(7a + 4b)$

### 展開の公式

$$(x + a)(x + b) = x^2 + (a + b)x + ab$$

$$(x + a)^2 = x^2 + 2ax + a^2$$

$$(x - a)^2 = x^2 - 2ax + a^2$$

$$(x + a)(x - a) = x^2 - a^2$$