

1. 式の展開（レベル3・公式）1

次の式を展開しましょう。

(1) $(a + 4)(a + 9)$

(2) $(x - 5)(x - 4)$

(3) $(x - 8)(x - 3)$

(4) $(x + 6)(x + 9)$

(5) $(a + 7)(a - 4)$

(6) $(a + 2)(a - 1)$

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

(8) $(a + 2)(a + 9)$

(9) $(a - 3)(a - 1)$

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

(11) $(a + 7)(a - 8)$

(12) $(x - 4)(x - 8)$

(13) $(x - 6)(x - 2)$

(14) $(a - 8)(a - 7)$

(15) $(a - 1)(a - 7)$

(16) $(a + 1)(a - 2)$

(17) $(x + 9)(x + 3)$

(18) $(a - 2)(a - 8)$

(19) $(x + 8)(x - 3)$

(20) $(a - 3)(a + 6)$

(21) $(x - 7)(x - 2)$

(22) $(x - 1)(x + 8)$

(23) $(a + 3)(a + 5)$

(24) $(x - 9)(x - 2)$

(25) $(a + 1)(a - 6)$

(26) $(x + 7)(x - 2)$

(27) $(x + 1)(x + 5)$

(28) $(x + 1)(x - 7)$

(29) $(a + 7)(a + 4)$

(30) $(a + 6)(a + 2)$

2. 式の展開（レベル3・公式）2

次の式を展開しましょう。

(1) $(x - 8)(x + 2)$

(2) $(a + 3)(a + 1)$

(3) $(a - 6)(a + 2)$

(4) $(a - 4)(a + 7)$

(5) $(x - 6)(x - 5)$

(6) $(a + 9)(a + 6)$

(7) $(a - 5)(a + 2)$

(8) $(a + 9)(a + 5)$

(9) $(a + 3)(a - 5)$

(10) $(a - 7)(a + 8)$

(11) $(a + 7)(a + 4)$

(12) $(x + 5)(x - 6)$

(13) $(x - 3)(x + 4)$

(14) $(x + 5)(x + 4)$

(15) $(a - 2)(a - 1)$

(16) $(a - 9)(a + 8)$

(17) $(x + 3)(x + 5)$

(18) $(a - 1)(a - 9)$

(19) $(a + 7)(a + 8)$

(20) $(x - 6)(x + 8)$

(21) $(x - 5)(x - 2)$

(22) $(a + 4)(a + 7)$

(23) $(x + 9)(x + 2)$

(24) $(a + 9)(a - 2)$

(25) $(x + 9)(x - 6)$

(26) $(x - 9)(x + 7)$

(27) $(a - 6)(a - 2)$

(28) $(a - 1)(a - 2)$

(29) $(x - 2)(x + 6)$

(30) $(x + 7)(x + 9)$

3. 式の展開（レベル3・公式）3

次の式を展開しましょう。

(1) $-(a+6)(a+2)$

(2) $(a-7)(a+6)$

(3) $-(a+3)(a-9)$

(4) $-(a-7)(a-1)$

(5) $-(a-3)(a+2)$

(6) $-(a+4)(a+6)$

(7) $-(a-9)(a+8)$

(8) $(x-2)(x-7)$

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

(10) $(x-1)(x+7)$

(11) $-(a-8)(a-2)$

(12) $(a+6)(a-5)$

(13) $-(a+6)(a-5)$

(14) $-(a+5)(a+3)$

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

(16) $-(a+1)(a+8)$

(17) $(x-8)(x+1)$

(18) $(x-2)(x+8)$

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

(20) $-(x+9)(x-6)$

(21) $-(a-9)(a-6)$

(22) $-(a-4)(a+1)$

(23) $(a+9)(a+4)$

(24) $(a-9)(a+3)$

(25) $-(x-7)(x-9)$

(26) $-(a+7)(a+8)$

(27) $-(x+8)(x-5)$

(28) $(x-3)(x-1)$

(29) $-(a-5)(a-6)$

(30) $-(x-6)(x-3)$

4. 式の展開（レベル3・公式）4

次の式を展開しましょう。

(1) $-(x - 8y)(x - 5y)$

(2) $(x + 8y)(x + 7y)$

(3) $-(a - 6b)(a - 9b)$

(4) $(a - 5b)(a + 8b)$

(5) $(a + 5b)(a + b)$

(6) $-(x - 8y)(x + y)$

(7) $(x - 6y)(x + 4y)$

(8) $-(x + y)(x - 4y)$

(9) $(a - 8b)(a + 7b)$

(10) $(x + 3y)(x + 9y)$

(11) $(x + 7y)(x - 5y)$

(12) $-(a - 8b)(a + 2b)$

(13) $(x + y)(x + 3y)$

(14) $-(a + 3b)(a - 6b)$

(15) $(x + 8y)(x + y)$

(16) $(a + 2b)(a + 6b)$

(17) $-(x + y)(x + 9y)$

(18) $(a + 5b)(a + 6b)$

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

(20) $(a - 8b)(a + 5b)$

(21) $(a - 6b)(a + 8b)$

(22) $(a + 7b)(a + 6b)$

(23) $(a + 3b)(a + 7b)$

(24) $(x - 6y)(x + 7y)$

(25) $(x - 2y)(x + 5y)$

(26) $-(x - 4y)(x + 2y)$

(27) $(x - 6y)(x - y)$

(28) $(x - 7y)(x - y)$

(29) $-(x - 7y)(x + 8y)$

(30) $(x + 2y)(x + y)$

5. 式の展開（レベル3・公式）5

次の式を展開しましょう。

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

(2) $(a + 9b)(a + 5b)$

(3) $(a + 5b)(a - 8b)$

(4) $(a - 6b)(a - 9b)$

(5) $(x - 3y)(x + 8y)$

(6) $(x - y)(x + 9y)$

(7) $-(a - 2b)(a + 9b)$

(8) $-(x - 8y)(x - 7y)$

(9) $(x + 8y)(x - 7y)$

(10) $-(a - 3b)(a - 6b)$

(11) $-(a - 3b)(a - 2b)$

(12) $(x - 2y)(x + 7y)$

(13) $(a + 9b)(a - 6b)$

(14) $-(x - 4y)(x - 7y)$

(15) $-(a - 5b)(a - 3b)$

(16) $-(x - 5y)(x + 7y)$

(17) $-(a + b)(a + 5b)$

(18) $(x + 4y)(x - 7y)$

(19) $(x - 5y)(x + 2y)$

(20) $-(a + 5b)(a - 4b)$

(21) $(x - 7y)(x + 9y)$

(22) $-(a - 6b)(a + b)$

(23) $(x + 3y)(x - y)$

(24) $(a + b)(a - 4b)$

(25) $(a + 6b)(a - 5b)$

(26) $-(x - 2y)(x - y)$

(27) $(x + 8y)(x - 6y)$

(28) $-(a + 7b)(a - 6b)$

(29) $(a - 2b)(a - 7b)$

(30) $(a - 6b)(a - 8b)$

6. 式の展開（レベル3・公式）6

次の式を展開しましょう。

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

(2) $(a + 8b)(a - b)$

(3) $-(a + 4b)(a - 3b)$

(4) $(a - 9b)(a + b)$

(5) $(x + y)(x + 6y)$

(6) $-(a + 5b)(a - 3b)$

(7) $(a - 7b)(a - 6b)$

(8) $-(a - 9b)(a - 5b)$

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

(10) $(a + b)(a + 7b)$

(11) $-(a + 4b)(a - 6b)$

(12) $-(x + y)(x - 2y)$

(13) $-(x + 4y)(x + 3y)$

(14) $(x - 4y)(x - 5y)$

(15) $(a + 7b)(a - 2b)$

(16) $(a + 9b)(a - b)$

(17) $-(a - 6b)(a - 9b)$

(18) $-(x + 5y)(x + 6y)$

(19) $-(x - 5y)(x - y)$

(20) $-(x + 9y)(x - 3y)$

(21) $(x - 6y)(x + 4y)$

(22) $(a + 8b)(a - 2b)$

(23) $-(a - 5b)(a + 9b)$

(24) $(a + 6b)(a + 2b)$

(25) $-(x - 4y)(x - 8y)$

(26) $-(a + 8b)(a + 7b)$

(27) $(a - 2b)(a + 6b)$

(28) $(x + 7y)(x - 8y)$

(29) $(x + y)(x + 6y)$

(30) $-(a - 4b)(a - 2b)$