

1. 式の展開（レベル4・和の二乗）1

次の式を展開しましょう。

(1) $(a - 7b)^2$

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

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

(4) $(a + 8)^2$

(5) $(a - 9b)^2$

(6) $(x - 9y)^2$

(7) $(a + 3)^2$

(8) $(x + 3)^2$

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

(10) $(x + 8y)^2$

(11) $(a - 2)^2$

(12) $(x + 5)^2$

(13) $(a - 6b)^2$

(14) $(x - 5y)^2$

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

(16) $(a - 7)^2$

(17) $(x - 5y)^2$

(18) $(a - 4b)^2$

(19) $(x - 9)^2$

(20) $(x - 2y)^2$

(21) $(a + 7)^2$

(22) $(a + 9b)^2$

(23) $(x - 7y)^2$

(24) $(a - 1)^2$

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

(26) $(a - 5b)^2$

(27) $(x + 4y)^2$

(28) $(x + 3)^2$

(29) $(a + 9b)^2$

(30) $(a + 4)^2$

2. 式の展開（レベル4・和の二乗）2

次の式を展開しましょう。

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

(2) $(a + 7b)^2$

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

(4) $(x + 7y)^2$

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

(6) $(a - b)^2$

(7) $(x - 5y)^2$

(8) $(a + 8)^2$

(9) $(a - 4b)^2$

(10) $(x + y)^2$

(11) $(x + 7)^2$

(12) $(a - 9)^2$

(13) $(x - 2y)^2$

(14) $(a + 5b)^2$

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

(16) $(a - 5)^2$

(17) $(a - 7b)^2$

(18) $(x + 7y)^2$

(19) $(x + 5)^2$

(20) $(a + 4)^2$

(21) $(x - 2y)^2$

(22) $(x + 3)^2$

(23) $(a - 6b)^2$

(24) $(x + 9y)^2$

(25) $(a - 2)^2$

(26) $(a + 8b)^2$

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

(28) $(a + 6)^2$

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

(30) $(x + 3)^2$

3. 式の展開（レベル4・和の二乗）3

次の式を展開しましょう。

(1) $(a - 2)^2$

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

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

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

(5) $(a + 7b)^2$

(6) $(x + 4y)^2$

(7) $(a - 2)^2$

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

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

(10) $(a + 1)^2$

(11) $(x + 9y)^2$

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

(13) $(a - 2)^2$

(14) $(a + 9b)^2$

(15) $(x + 9)^2$

(16) $(x - 6y)^2$

(17) $(a - 5)^2$

(18) $(a - 9b)^2$

(19) $(x - 7y)^2$

(20) $(x + 1)^2$

(21) $(a - 2b)^2$

(22) $(a - 1)^2$

(23) $(x - 8y)^2$

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

(25) $(a - 7b)^2$

(26) $(a - 7)^2$

(27) $(x + 2)^2$

(28) $(x - 8y)^2$

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

(30) $(a + 4)^2$

4. 式の展開（レベル4・和と差の積）1

次の式を展開しましょう。

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

(2) $(a + 4)(a - 4)$

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

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

(5) $(a + 1)(a - 1)$

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

(7) $(x - 7)(x + 7)$

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

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

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

(11) $(x - 3)(x + 3)$

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

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

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

(15) $(x - 9)(x + 9)$

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

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

(18) $(x + 3)(x - 3)$

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

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

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

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

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

(24) $(a - 7)(a + 7)$

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

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

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

(28) $(x - 6)(x + 6)$

(29) $(x - 5y)(x + 5y)$

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

5. 式の展開（レベル4・和と差の積）2

次の式を展開しましょう。

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

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

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

(4) $(x + 4)(x - 4)$

(5) $(a - 1)(a + 1)$

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

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

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

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

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

(11) $(x - 4)(x + 4)$

(12) $(a + 1)(a - 1)$

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

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

(15) $(a - 6)(a + 6)$

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

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

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

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

(20) $(x + 2)(x - 2)$

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

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

(23) $(a + 3)(a - 3)$

(24) $(x - 5)(x + 5)$

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

(26) $(a + 1)(a - 1)$

(27) $(x + 9)(x - 9)$

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

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

(30) $(a - 8)(a + 8)$

6. 式の展開（レベル4・和と差の積）3

次の式を展開しましょう。

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

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

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

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

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

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

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

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

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

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

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

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

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

(14) $(x + 3)(x - 3)$

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

(16) $(a + 4)(a - 4)$

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

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

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

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

(21) $(a - 7b)(a + 7b)$

(22) $(x + 2)(x - 2)$

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

(24) $(a - 5)(a + 5)$

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

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

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

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

(29) $(x + 5)(x - 5)$

(30) $(a - 4)(a + 4)$

7. 式の展開（レベル4・2パターンのまとめ）1

次の式を展開しましょう。

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

(2) $(x + 7)^2$

(3) $(a - 7b)^2$

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

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

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

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

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

(9) $(a - 7)^2$

(10) $(x - 7)^2$

(11) $(a + 4b)^2$

(12) $(x + 4y)^2$

(13) $(a + 7)(a - 7)$

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

(15) $(x - 5)(x + 5)$

(16) $(x + 1)^2$

(17) $(a - 3)(a + 3)$

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

(19) $(a + 8)^2$

(20) $(x + 9y)^2$

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

(22) $(x - 5)(x + 5)$

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

(24) $(a - 7)(a + 7)$

(25) $(a - 7b)^2$

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

(27) $(a + 7)^2$

(28) $(x - 8y)^2$

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

(30) $(x + 7)^2$

8. 式の展開（レベル4・2パターンのまとめ）2

次の式を展開しましょう。

(1) $(a + 6b)^2$

(2) $(a - 4)(a + 4)$

(3) $(a + 4)^2$

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

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

(6) $(x - y)^2$

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

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

(9) $(a - 8b)^2$

(10) $(a + 4)^2$

(11) $(x - 9)^2$

(12) $(a - 7b)^2$

(13) $(a - 2)^2$

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

(15) $(x + 5y)^2$

(16) $(a + 5)(a - 5)$

(17) $(x - 7)^2$

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

(19) $(a + 3b)^2$

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

(21) $(a - 1)(a + 1)$

(22) $(x + 2y)^2$

(23) $(x + 4)^2$

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

(25) $(a + 2)^2$

(26) $(a - 8b)^2$

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

(28) $(a - 2)^2$

(29) $(x - 4)(x + 4)$

(30) $(a + 8b)^2$

9. 式の展開（レベル4・2パターンのまとめ）3

次の式を展開しましょう。

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

(2) $(a + 4)^2$

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

(4) $(a + 6b)^2$

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

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

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

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

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

(10) $(a + b)^2$

(11) $(x + 3)(x - 3)$

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

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

(14) $(x + 8)(x - 8)$

(15) $(a - 5)(a + 5)$

(16) $(x + 7y)^2$

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

(18) $(x + 5)^2$

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

(20) $(a + 7)^2$

(21) $(a + 3)(a - 3)$

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

(23) $(a + 7b)^2$

(24) $(x + 5)(x - 5)$

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

(26) $(x + 8)^2$

(27) $(x + y)^2$

(28) $(a - 5b)^2$

(29) $(a - 1)^2$

(30) $(a - 1)(a + 1)$

10. 式の展開（レベル4・2パターンのまとめ）4

次の式を展開しましょう。

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

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

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

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

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

(6) $(a - 9b)^2$

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

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

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

(10) $(x - 6)(x + 6)$

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

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

(13) $(a - 8)(a + 8)$

(14) $(a + 1)^2$

(15) $(x - 4)(x + 4)$

(16) $(a - 2b)^2$

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

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

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

(20) $(a - 9)^2$

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

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

(23) $(a - 3)(a + 3)$

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

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

(26) $(a - 6)(a + 6)$

(27) $(x + 9)(x - 9)$

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

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

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

11. 式の展開（レベル4・2パターンのまとめ）5

次の式を展開しましょう。

(1) $(a - 2)^2$

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

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

(4) $(x + 5)^2$

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

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

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

(8) $(a - 4b)^2$

(9) $(x + 1)(x - 1)$

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

(11) $(x - 9)^2$

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

(13) $(a - 4)^2$

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

(15) $(a + 3)(a - 3)$

(16) $(a + 9b)^2$

(17) $(x + y)^2$

(18) $(x - 2)^2$

(19) $(a - 9)^2$

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

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

(22) $(x + 9)^2$

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

(24) $(a + 6)(a - 6)$

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

(26) $(a - 3)^2$

(27) $(x + 7)(x - 7)$

(28) $(a + 2b)^2$

(29) $(x + 9)^2$

(30) $(x - y)^2$

12. 式の展開（レベル4・2パターンのまとめ）6

次の式を展開しましょう。

(1) $(a - 9b)^2$

(2) $(x - 9)^2$

(3) $(a - 7)^2$

(4) $(a - 9b)^2$

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

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

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

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

(9) $(a - 1)^2$

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

(11) $(x + 4)^2$

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

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

(14) $(a - 6b)^2$

(15) $(x + 9y)^2$

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

(17) $(x - 7)(x + 7)$

(18) $(a + 2)(a - 2)$

(19) $(x - 9)^2$

(20) $(x + 7y)(x - 7y)$

(21) $(a + 3)^2$

(22) $(a + 6b)^2$

(23) $(x - 6)^2$

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

(25) $(x - 7y)^2$

(26) $(a - 3)(a + 3)$

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

(28) $(x - 3)(x + 3)$

(29) $(a - 3b)^2$

(30) $(a + 2)(a - 2)$