

式と計算〈加法・減法〉No.1の解答

1. 次の計算をなさい。

(1) $-7x - 7 + (-9x - 4)$

答. $-16x - 11$

(2) $7x^2 - xy + 7y^2 + (-9x^2 - 6xy - 3y^2)$

答. $-2x^2 - 7xy + 4y^2$

(3) $-8x^2 - 2xy + 2y^2 + (-2x^2 + 7xy + 8y^2)$

答. $-10x^2 + 5xy + 10y^2$

(4) $-2x^2 + 5xy - 4y^2 - (4x^2 + 4xy + 9y^2)$

答. $-6x^2 + xy - 13y^2$

(5) $7x - 3 + (-x + 6)$

答. $6x + 3$

(6) $8x^2 + 5xy + 9y^2 + (6x^2 - xy + 8y^2)$

答. $14x^2 + 4xy + 17y^2$

(7) $-4x - 2 + (-5x - 5)$

答. $-9x - 7$

(8) $7x - 2 + (8x + 1)$

答. $15x - 1$

(9) $5x - 3 - (8x - 8)$

答. $-3x + 5$

(10) $-2x^2 + 5xy - 7y^2 - (5x^2 - 5xy - 6y^2)$

答. $-7x^2 + 10xy - y^2$

式と計算〈加法・減法〉No.2の解答

1. 次の計算をなさい。

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

答. $-x + 6$

(2) $4x + 7 + (-2x + 9)$

答. $2x + 16$

(3) $-5x^2 + 5xy + y^2 - (-3x^2 - xy - 9y^2)$

答. $-2x^2 + 6xy + 10y^2$

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

答. $-3x - 6$

(5) $2x^2 + 7xy + 8y^2 + (-4x^2 + 5xy - 7y^2)$

答. $-2x^2 + 12xy + y^2$

(6) $4x^2 - 3xy - 7y^2 - (-9x^2 + 6xy + 9y^2)$

答. $13x^2 - 9xy - 16y^2$

(7) $9x + 3 + (9x + 8)$

答. $18x + 11$

(8) $2x^2 - xy - y^2 - (-4x^2 + 2xy - 2y^2)$

答. $6x^2 - 3xy + y^2$

(9) $8x^2 + 5xy + 9y^2 + (6x^2 - xy + 8y^2)$

答. $14x^2 + 4xy + 17y^2$

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

答. $-3x - 5$

式と計算＜加法・減法＞ No.3 の解答

1. 次の計算をしなさい。

$$(1) -5x^2 + 5xy + y^2 - (-3x^2 - xy - 9y^2)$$

$$\text{答. } -2x^2 + 6xy + 10y^2$$

$$(2) -8x^2 - 9xy - 5y^2 - (6x^2 - 8xy + 7y^2)$$

$$\text{答. } -14x^2 - xy - 12y^2$$

$$(3) 8x^2 + xy - 9y^2 + (x^2 + xy - 4y^2)$$

$$\text{答. } 9x^2 + 2xy - 13y^2$$

$$(4) 3x - 2 + (-4x + 7)$$

$$\text{答. } -x + 5$$

$$(5) -9x - 1 - (-6x - 9)$$

$$\text{答. } -3x + 8$$

$$(6) 4x^2 - 3xy - 7y^2 - (-9x^2 + 6xy + 9y^2)$$

$$\text{答. } 13x^2 - 9xy - 16y^2$$

$$(7) 6x + 1 + (-9x - 3)$$

$$\text{答. } -3x - 2$$

$$(8) 2x^2 + 7xy + 8y^2 + (-4x^2 + 5xy - 7y^2)$$

$$\text{答. } -2x^2 + 12xy + y^2$$

$$(9) -9x + 5 - (-9x + 7)$$

$$\text{答. } -2$$

$$(10) -2x^2 + 5xy - 4y^2 - (4x^2 + 4xy + 9y^2)$$

$$\text{答. } -6x^2 + xy - 13y^2$$

式と計算〈加法・減法〉No.4の解答

1. 次の計算をなさい。

(1) $9x^2 + 2xy + 3y^2 + (-x^2 + xy - 5y^2)$

答. $8x^2 + 3xy - 2y^2$

(2) $4x^2 - 3xy - 7y^2 - (-9x^2 + 6xy + 9y^2)$

答. $13x^2 - 9xy - 16y^2$

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

答. $6x + 3$

(4) $6x^2 - 7xy + 4y^2 - (7x^2 + xy + 5y^2)$

答. $-x^2 - 8xy - y^2$

(5) $2x - 7 + (-6x - 3)$

答. $-4x - 10$

(6) $-4x^2 + 5xy - 2y^2 - (x^2 - 3xy + y^2)$

答. $-5x^2 + 8xy - 3y^2$

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

答. $-5x + 5$

(8) $3x - 2 + (-4x + 7)$

答. $-x + 5$

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

答. $-3x - 5$

(10) $-3x^2 - 4xy + 2y^2 + (-x^2 - 2xy + 7y^2)$

答. $-4x^2 - 6xy + 9y^2$

式と計算<加法・減法> No.5 の解答

1. 次の計算をなさい。

(1) $-4x + 7 - (3x + 5)$

答. $-7x + 2$

(2) $9x - 8 - (2x + 1)$

答. $7x - 9$

(3) $3x + 5 - (-6x + 8)$

答. $9x - 3$

(4) $-2x^2 + 5xy - 4y^2 - (4x^2 + 4xy + 9y^2)$

答. $-6x^2 + xy - 13y^2$

(5) $9x^2 + 2xy + 3y^2 + (-x^2 + xy - 5y^2)$

答. $8x^2 + 3xy - 2y^2$

(6) $-8x^2 + 6xy - 8y^2 + (-3x^2 - 5xy + 3y^2)$

答. $-11x^2 + xy - 5y^2$

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

答. $-5x + 5$

(8) $-4x^2 + 5xy - 2y^2 - (x^2 - 3xy + y^2)$

答. $-5x^2 + 8xy - 3y^2$

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

答. $4x - 3$

(10) $-2x^2 + 7xy - 4y^2 + (5x^2 + xy - 4y^2)$

答. $3x^2 + 8xy - 8y^2$