

P1 [多項式と単項式の乗法]

確認 1

(1) $6a^2 - 12ab$ (2) $-3x^2 - 6xy + 18xz$

練習 2

(1) $12a^2 + 20ab$ (2) $2x^2 + 6xy$ (3) $-18x^2 + 6xy$
 (4) $6a^2 + 12ab - 18ac$ (5) $-9ab + 3b^2 + 12bc$

練習 3

(1) $5a^2 - 7a$ (2) $-2x^2 + 4x$

練習 4

(1) $3x^2 - 6x$ (2) $-a^2 + 7ab$

P2 [多項式と単項式の除法]

確認 1

(1) $5 + 2ab$ (2) $16xy + 24y^2$

練習 2

(1) $3a - 2$ (2) $9x^2 + 18xy$ (3) $-2a^2 - 1$
 (4) $2a - 3b$ (5) $y^2 + xy - 1$ (6) $-15a + 10$

P3 [多項式の乗法]

確認 1

(1) $ab + 3a + 2b + 6$ (2) $x^2 - 4x + 5x - 20$ $x^2 + x - 20$

練習 2

(1) $ab + 6a + 4b + 24$ (2) $ab + 7a + b + 7$ (3) $ab + 4a - 2b - 8$
 (4) $ab - 3a - 4b + 12$ (5) $x^2 + 10x + 21$ (6) $x^2 + 9x + 8$
 (7) $x^2 + 3x - 10$ (8) $x^2 - 13x + 36$ (9) $2x^2 + 3x - 5$
 (10) $12x^2 - 2x - 2$ (11) $a^2 + 3ab - 3a + 6b - 10$ (12) $4x^2 + 5xy - 6y^2 - 4x + 3y$

P4 [乗法の公式(1)]

確認 1

(1) $x^2 + 6x + 5$ (2) $x^2 - 2x - 35$

練習 2

(1) $x^2 + 6x + 5$ (2) $x^2 + 8x + 12$ (3) $x^2 + 12x + 27$ (4) $x^2 + 11x + 28$
 (5) $x^2 + 6x - 7$ (6) $x^2 + 7x - 18$ (7) $x^2 + 2x - 3$ (8) $x^2 - 3x - 18$
 (9) $x^2 - 5x + 4$ (10) $x^2 + 2x - 15$ (11) $a^2 + 12a + 35$ (12) $a^2 + 8a + 12$
 (13) $x^2 - 0.2x - 0.15$ (14) $x^2 + x - \frac{3}{4}$