

○次の計算をせよ。

1. $4a(3a + 1) + a(5a + 4) =$

6. $-4x(3y - 2x) + 2x(6x - 5y) =$

[$17a^2 + 8a$]

[$-22xy + 20x^2$]

2. $3x(7x - 8) + 2x(3x - 1) =$

7. $5a(3a - 2) - a(3a - 4) =$

[$27x^2 - 26x$]

[$12a^2 - 6a$]

3. $5a(a - b) - 2a(4a + b) =$

8. $2x(7x - 3y) - 3x(x - 9y) =$

[$-3a^2 - 7ab$]

[$11x^2 + 21xy$]

4. $3x(2x + 3y) - 2x(4x - y) =$

9. $4a(-1 + 4b) + 2b(6a - 3) =$

[$-x^2 + 11xy$]

[$28ab - 4a - 6b$]

5. $-8a(b + 2a) + 2a(3a - 2b) =$

10. $x(x - y) + y(y - z) + z(z - x) =$

[$-12ab - 10a^2$]

[$x^2 + y^2 + z^2 - xy - yz - zx$]