

Combining Like Terms Practice

II. Practice

Simplify

- $3a + 4a$
- $-12b + 6b - 4b$
- $5a^2 - 6a + 7a^2 + 3a - 2 + 8a + 7$
- $9x^3 - 7x^2 + 4x^2 - x + 4x^3 - 3x^2$
- $2h^2 - 7h + 2h^2 - h + 6 + 4h - 9h$
- $4ab - 6ab + 3a^2b + 4ab^2 + 5a^2b$
- $7xy - 4x^2y^2 + 2xy^2 + 6xy + 3x^2y^2 - 7x^2y^2$
- $4h^4j - 14h^3j^2 + 16h^2j^2 + 13h^4j + 15h^3j^2 - 17h^4j$
- $8x^3y^2 - 7x^2y + 8x + 4 - 6x^3y^2 + 2x^2y + 4x^2y - 3x + 5$
- $3r^3t + 5rt^2 - 6rt + 5 + 4rt - 3 + 6rt^2$
- $8x^4 - 7x^3 + 4x^4 + 2y^3 - 7xy + 3y^3 + 12xy$
- $3a^3b + 4a^2b^2 - 7a^3b + 2ab - 5a^2b^2 + 10a^3b$
- $5y^5 + 4y^4 + 3y^3 - 6y^2 + 8 - 7y^3 + 11 - 6y^3$
- $10c^2d^2 + 6cd^3 - 3c^2d + 5c^2d^2 - 4cd^3 + 3c^2d^2$
- $4x^3 + 3x^2y + 2xy^2 - 6y^3 + 5x^3 - 25y^3 + 3xy^2$
- $(3x^2 + 2xy + 4y^2) + (6x^2 - 5xy + 3y^2) + (9x^2 - 25y^2)$
- $(4a^3 + 7a^2b + 6b^3) + (a^3 + 2a^2b + 4b^3)$
- $(2x^2 - 3x + 6) + (5x^2 - 9x + 4) + (8x^2 + 12x)$
- $(3x^2 - 4x + 7) + (3x - 3x^2) + (x - 7)$
- $(12ab^2 - 7a^2b) + (3ab + 4a^2b + 6ab^2)$

IV. Challenge Problems