

Combining Like Terms Worksheet

1. Simplify: $3x + 5x$
2. Simplify: $7y - 2y + 4y$
3. Combine like terms: $4a + 2b - 3a + 5b$
4. Simplify: $6x - 2x + 3y - y$
5. Simplify the expression: $9m + 3n - 2m + 4n$
6. Combine like terms: $5p + 3q + 2p - 7q$
7. Simplify: $8a - 3b + 4a + b$
8. Combine like terms: $6x^2 + 3x - 2x^2 + 7x$
9. Simplify: $4y + 6 - 2y + 3$
10. Combine like terms: $12m - 7n + 4m + 2n - 3m$
11. Simplify: $5x + 3 + 7x - 8$
12. Simplify the polynomial: $2x^2 + 3x + x^2 - 4x$
13. Combine like terms: $6a^2 + 4b - 2a^2 + 8b - 3b$
14. Simplify: $7x + 4y - x + 2y - 5$
15. Combine and simplify: $3a^2b + 2ab^2 - a^2b + 4ab^2$
16. Simplify: $9x^2 - 3x + 2x - 5x^2$
17. Simplify: $5p + 3 - 2p + 4p - 6$
18. Combine like terms: $2x + 3y + 4x - y + 7$
19. Simplify: $4a^2 + 6a - 3a + 5$
20. Combine like terms: $7m^2 - 4m + 3m - 2m^2 + 1$

Solutions to Combining Like Terms Worksheet

- $3x + 5x = 8x$
- $7y - 2y + 4y = 9y$
- $4a + 2b - 3a + 5b = a + 7b$
- $6x - 2x + 3y - y = 4x + 2y$
- $9m + 3n - 2m + 4n = 7m + 7n$
- $5p + 3q + 2p - 7q = 7p - 4q$
- $8a - 3b + 4a + b = 12a - 2b$
- $6x^2 + 3x - 2x^2 + 7x = 4x^2 + 10x$
- $4y + 6 - 2y + 3 = 2y + 9$
- $12m - 7n + 4m + 2n - 3m = 13m - 5n$
- $5x + 3 + 7x - 8 = 12x - 5$
- $2x^2 + 3x + x^2 - 4x = 3x^2 - x$
- $6a^2 + 4b - 2a^2 + 8b - 3b = 4a^2 + 9b$
- $7x + 4y - x + 2y - 5 = 6x + 6y - 5$
- $3a^2b + 2ab^2 - a^2b + 4ab^2 = 2a^2b + 6ab^2$
- $9x^2 - 3x + 2x - 5x^2 = 4x^2 - x$
- $5p + 3 - 2p + 4p - 6 = 7p - 3$
- $2x + 3y + 4x - y + 7 = 6x + 2y + 7$
- $4a^2 + 6a - 3a + 5 = 4a^2 + 3a + 5$
- $7m^2 - 4m + 3m - 2m^2 + 1 = 5m^2 - m + 1$