

MATHS WORKSHEETS- ALGEBRA- LIKE TERMS- ADDITION AND SUBTRACTION OF LIKE TERMS

Simplify the following expressions:

1. $9xy + 2xy =$

2. $2xy + 12xy =$

3. $15a - 6a + 3a =$

4. $15x + 13x - 4x =$

5. $18x + 4x + 8y + 5y =$

6. $2x + 6x =$

7. $5mn + 6nm - 7mn =$

8. $8y + 13x + 7y + 4x =$

9. $7p + 6y + 5p + 8y =$

10. $3x + 5x - 11y + 7y =$

11. $6a^2 - 3a^2 - a^2 + 2a^2 =$

12. $9a - 8a + 5a =$

13. $18a + 3a - 8a =$

14. $4m + 6m + 5m - 7m + 11 =$

15. $14x + 2x - 7x + 8y =$

16. $5x^2 + 9x^2 + 3x^2 - 8x^2 =$

17. $8x + 2x + 10x - 6x =$

18. $5ab + 4ab - 7ab =$

19. $12x - 2x + 3y - 9y =$

20. $5y - 8y + 7y + 12 =$

21. $9xy + 12 - 8xy + 7xy - xy =$

22. $4y - 10y + y - y + 13y =$

23. $9p + 7p - 6p =$

24. $3r + 15 - 6r - 17 =$

25. $6t - 5t + 11t =$

26. $10r + 5r - 2r - 6r =$

27. $7a^2 + 2a^2 - a^2 + 6a^2 =$

28. $15xy + 8xy - 4xy + xy =$

29. $6v + 9u - 4u + v =$

30. $5a - 7b + 4a - 10b =$

31. $5a + 8a - 6b - 3b - 4a =$

32. $7y^2 + 2y^2 - y^2 + 6y^2 =$

33. $5a^2 - 6a^2 + 7a^2 + 12 =$

34. $30x - 15x + 12x - 2x =$

35. $8y^2 + 7x^2 - 6y^2 + 5x^2 =$

36. $12 - 6t + 8t - 10 + 2t =$

37. $6p + 8p - 5q + 7q - 11 =$

38. $5xy + 7xy - 5xy =$

39. $6x + 5x + 13 =$

40. $5ab + 7ab + 8ab =$

Answer Key:

1. $11xy$
2. $14xy$
3. $12a$
4. $24x$
5. $22x + 13y$
6. $8x$
7. $4nm$
8. $15y + 17x$
9. $12p + 14y$
10. $8x - 4y$
11. $4a^2$
12. $6a$
13. $13a$
14. $8m + 11$
15. $9x + 8y$
16. $9x^2$
17. $14x$
18. $2ab$
19. $10x - 6y$
20. $4y + 12$
21. $7xy + 12$
22. $7y$
23. $10p$
24. $-3r - 2$
25. $12t$
26. $7r$
27. $14a^2$
28. $20xy$
29. $7v + 5u$
30. $9a - 17b$
31. $9a - 9b$
32. $14y^2$
33. $6a^2 + 12$
34. $25x$
35. $2y^2 + 12x^2$
36. $2 + 4t$
37. $14p + 2q - 11$
38. $7xy$
39. $11x + 13$
40. $20ab$