

Simplifying expressions

Grade 5 Pre-Algebra Worksheet

Rewrite each expression.

1. $8y + 5 - 5y + 3 + y + 9 =$ _____

11. $y + 2 + y =$ _____

2. $2 + 2 + 8x - 4x + 4 + 5x =$ _____

12. $2 + 8y + 4 + 3y =$ _____

3. $6 + 4x - 3 + 7x + 7 + 6x =$ _____

13. $4x + 8 + 4x + 8 - 7x + 3 =$ _____

4. $7x + 3 + 8 - 5x + 5x =$ _____

14. $15y - 7y + 7 + 5 =$ _____

5. $5 + y - 5 + 3y =$ _____

15. $1 + 4y + 8 + 6y - 2 + 2y =$ _____

6. $9 + 9y + 3 + 5y - 8 + 5y =$ _____

16. $4y + 9 + 8y =$ _____

7. $2x + 9x + 9 + 1 =$ _____

17. $8x + x =$ _____

8. $8x + 6 - 7x + 7 + 3x + 2 =$ _____

18. $2x + 4x - 4x + 3 + 1 =$ _____

9. $7x - 6x =$ _____

19. $6y + 5 + y =$ _____

10. $7x + 6x =$ _____

20. $x + 4 + 3x =$ _____

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Rewrite each expression.

1. $8y + 5 - 5y + 3 + y + 9 = \underline{4y + 17}$

11. $y + 2 + y = \underline{2y + 2}$

2. $2 + 2 + 8x - 4x + 4 + 5x = \underline{9x + 8}$

12. $2 + 8y + 4 + 3y = \underline{11y + 6}$

3. $6 + 4x - 3 + 7x + 7 + 6x = \underline{17x + 10}$

13. $4x + 8 + 4x + 8 - 7x + 3 = \underline{x + 19}$

4. $7x + 3 + 8 - 5x + 5x = \underline{7x + 11}$

14. $15y - 7y + 7 + 5 = \underline{8y + 12}$

5. $5 + y - 5 + 3y = \underline{4y}$

15. $1 + 4y + 8 + 6y - 2 + 2y = \underline{12y + 7}$

6. $9 + 9y + 3 + 5y - 8 + 5y = \underline{19y + 4}$

16. $4y + 9 + 8y = \underline{12y + 9}$

7. $2x + 9x + 9 + 1 = \underline{11x + 10}$

17. $8x + x = \underline{9x}$

8. $8x + 6 - 7x + 7 + 3x + 2 = \underline{4x + 15}$

18. $2x + 4x - 4x + 3 + 1 = \underline{2x + 4}$

9. $7x - 6x = \underline{x}$

19. $6y + 5 + y = \underline{7y + 5}$

10. $7x + 6x = \underline{13x}$

20. $x + 4 + 3x = \underline{4x + 4}$