

Simplifying expressions

Grade 5 Pre-Algebra Worksheet

Rewrite each expression.

1. $2x + 7 + 3x - 2 + 3 =$ _____

11. $2 + x - 1 + 4x =$ _____

2. $3x + 9 + 4x - 5 =$ _____

12. $8y + 4y =$ _____

3. $5x - x =$ _____

13. $5y + 5 + 6y + 7 + 7y + 2 =$ _____

4. $5y + 7y =$ _____

14. $8 + 2x - 7 + 7x =$ _____

5. $7 + 2 + 6y - 2y + 5 - 2y =$ _____

15. $8y + 6 - y + 6 + 2y + 3 =$ _____

6. $2 + 6x + 4 + x =$ _____

16. $1 + 3y - y =$ _____

7. $4 + 5y + 6 + 9y =$ _____

17. $7y - 4y + 1 + 6 =$ _____

8. $3x + 9 + 4x - 5 =$ _____

18. $4y + y =$ _____

9. $5 + y - 5 + 2y =$ _____

19. $9 + 14x - 8x =$ _____

10. $3y + 3 + 3y + 1 + 8y + 9 =$ _____

20. $16x - 4x - 7x + 13 - 11 =$ _____

Simplifying expressions

Grade 5 Pre-Algebra Worksheet

Rewrite each expression.

1. $2x + 7 + 3x - 2 + 3 = \underline{5x + 8}$

11. $2 + x - 1 + 4x = \underline{5x + 1}$

2. $3x + 9 + 4x - 5 = \underline{7x + 4}$

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

3. $5x - x = \underline{4x}$

13. $5y + 5 + 6y + 7 + 7y + 2 = \underline{18y + 14}$

4. $5y + 7y = \underline{12y}$

14. $8 + 2x - 7 + 7x = \underline{9x + 1}$

5. $7 + 2 + 6y - 2y + 5 - 2y = \underline{2y + 14}$

15. $8y + 6 - y + 6 + 2y + 3 = \underline{9y + 15}$

6. $2 + 6x + 4 + x = \underline{7x + 6}$

16. $1 + 3y - y = \underline{2y + 1}$

7. $4 + 5y + 6 + 9y = \underline{14y + 10}$

17. $7y - 4y + 1 + 6 = \underline{3y + 7}$

8. $3x + 9 + 4x - 5 = \underline{7x + 4}$

18. $4y + y = \underline{5y}$

9. $5 + y - 5 + 2y = \underline{3y}$

19. $9 + 14x - 8x = \underline{6x + 9}$

10. $3y + 3 + 3y + 1 + 8y + 9 = \underline{14y + 13}$

20. $16x - 4x - 7x + 13 - 11 = \underline{5x + 2}$