



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



Answers

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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