

Algebraic expressions (2 variables)

Grade 5 Pre-Algebra Worksheet

Evaluate the following expressions for $x = 8$ and $y = 4$.

1. $x + y =$ _____

11. $8 - x + y =$ _____

2. $2 + x - y =$ _____

12. $14 - y =$ _____

3. $12 + y - x =$ _____

13. $x - y + 6 =$ _____

4. $x - 6 =$ _____

14. $y - 1 + x =$ _____

5. $x + y - 6 =$ _____

15. $x - 2 - y =$ _____

6. $17 + x - y =$ _____

16. $y + 15 - 3 =$ _____

7. $x + y + 3 =$ _____

17. $12 - (x + y) =$ _____

8. $x - 3 + 8 =$ _____

18. $x - y - 3 =$ _____

9. $y - 2 + 4 =$ _____

19. $11 - x + y =$ _____

10. $x - y =$ _____

20. $x - y - 2 =$ _____

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Evaluate the following expressions for $x = 8$ and $y = 4$.

1. $x + y = \underline{12}$

11. $8 - x + y = \underline{4}$

2. $2 + x - y = \underline{6}$

12. $14 - y = \underline{10}$

3. $12 + y - x = \underline{8}$

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

4. $x - 6 = \underline{2}$

14. $y - 1 + x = \underline{11}$

5. $x + y - 6 = \underline{6}$

15. $x - 2 - y = \underline{2}$

6. $17 + x - y = \underline{21}$

16. $y + 15 - 3 = \underline{16}$

7. $x + y + 3 = \underline{15}$

17. $12 - (x + y) = \underline{0}$

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

18. $x - y - 3 = \underline{1}$

9. $y - 2 + 4 = \underline{6}$

19. $11 - x + y = \underline{7}$

10. $x - y = \underline{4}$

20. $x - y - 2 = \underline{2}$