

Algebraic expressions (2 or more variables)

Grade 5 Pre-Algebra Worksheet

Evaluate the following expressions for $x = 6$, $y = 12$ and $z = 9$.

1. $x + y =$ _____

11. $8 - x + z =$ _____

2. $y - z =$ _____

12. $14 - y =$ _____

3. $12 + x - y =$ _____

13. $y - z + 6 =$ _____

4. $z - 6 =$ _____

14. $y - 1 + x =$ _____

5. $y + z - 6 =$ _____

15. $y - 2 - x =$ _____

6. $z - x =$ _____

16. $z + 15 - y =$ _____

7. $x + y + z =$ _____

17. $30 - (x + y + z) =$ _____

8. $y - z + 8 =$ _____

18. $x + z - 8 =$ _____

9. $y - x - 1 =$ _____

19. $y - 12 + x =$ _____

10. $x + y - z =$ _____

20. $y - z + x =$ _____

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Evaluate the following expressions for $x = 6$, $y = 12$ and $z = 9$.

1. $x + y = \underline{18}$

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

2. $y - z = \underline{3}$

12. $14 - y = \underline{2}$

3. $12 + x - y = \underline{6}$

13. $y - z + 6 = \underline{9}$

4. $z - 6 = \underline{3}$

14. $y - 1 + x = \underline{17}$

5. $y + z - 6 = \underline{15}$

15. $y - 2 - x = \underline{4}$

6. $z - x = \underline{3}$

16. $z + 15 - y = \underline{12}$

7. $x + y + z = \underline{27}$

17. $30 - (x + y + z) = \underline{3}$

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

18. $x + z - 8 = \underline{7}$

9. $y - x - 1 = \underline{5}$

19. $y - 12 + x = \underline{6}$

10. $x + y - z = \underline{9}$

20. $y - z + x = \underline{9}$