

## 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.  $y - z + x =$  \_\_\_\_\_

## Algebraic expressions (2 or more variables)

---

### Grade 5 Pre-Algebra Worksheet

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

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

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