ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

CLASS 8

SUBJECT :Algebra & Geometry   **Work sheet 8 Answer key**

Marks:15   **Fundamental concepts & operations**

Date:8.2.21

Answer all the following questions(1×15=15)

1. The numerical factor of a term is called its —————-
   A. constant
   B. numerical coefficient
   C. variables

2. The coefficient in the term -5x is —————-
   A. -1
   B. -5
   C. –x

3. Expressions that contains only one term is called a ————
   A. Monomial
   B. Binomial
   C. Trinomial

4. An expression containing one or more terms with non-zero coefficient is called a ————
   A. Trinomial
   B. Polynomial
   C. Binomial

5. The product of 4 and 7p is ————
   A. 11p
   B. 28p
   C. -28p

6. A monomial multiplied by a monomial always gives a ————–
   A. Monomial
   B. Binomial
   C. Trinomial

7. Terms are added to form ————-
   A. Expressions
   B. Variables
   C. Constants

8. Which of the following is a binomial?
   A. 2x+3y+8
   B. 2x + y
   C. 2x

9. The algebraic expression 3xy + 2y+ 9 is a ———--
A. Monomial
B. Binomial
C. Trinomial
10. Which of the following pairs are like terms?
A. 3x, 3y
B. 4x, 9x
C. 3x, 4xy
11. If we add 3x +4 and 2x -3, then their sum is —————
A. 5x + 7
B. 5x +1
C.5x – 1
12. The product of px + qy + rz and 0 is —————
A. px + qy + rz
B. 0
C. 1
13. Number of terms in the expression 2xyz + xy + z is ————-
A. 1
B. 2
C. 3
14. The value of 4x -2 at x = -1 is ———————
A. -6
B. 2
C. -4
15. An expression containing three terms is a ————
A. Monomial
B. Binomial
C. Trinomial

ANSWERS

1. Numerical coefficient

2. -5

3. Monomial

4. Polynomial

5. 28p

6. Monomial

7. Expressions

8. 2x + y

9. Trinomial

10. 4x, 9x

11. 5x + 1

12. Zero

13. 3

14. -6

15. Trinomial

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