Sub: Algebra Geometry   **Class: 7**   **Date: 09. 06.20**
Duration: 40 min   **Worksheet 27**   **Full Marks: 15**

ALGEBRAIC EXPRESSIONS

Choose the Correct options:

1: In algebra, we use alphabets such as a, b, c to denote

   A. operational signs
   B. constants
   C. any numerical value

2: In algebra, we use alphabets such as x, y, z to denote

   A. operational signs
   B. constants
   C. any numerical value

3: In expressions ax + by and 8x - 4y, a, b, 8 and 4 are

   A. variables
   B. coefficients
   C. exponents

4: In expressions ax + by and 8x - 4y, x and y are

   A. variables
   B. coefficients
   C. exponents

5. An expression with only one term is called a —————-

A. Monomial
B. Binomial
C. Trinomial

6. The coefficient of x in 8 – x +y is —————-

A. -1
B. 1
C. 8

7. The algebraic expression for "Number 5 added to three times the product of numbers m and n" is ——————

A. 5 + 3mn
B. 3 + 5mn
C. (5+3) mn

8. x + y – xy is a ————-

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A. Monomial
B. Binomial
C. Trinomial

9. The value of the expression $5n - 2$ when $n = -2$ is ————

A. 12
B. -12
C. 8

10. If l is the length of the side of the pentagon, perimeter of a regular pentagon is ——

A. 3l
B. 4l
C. 5l

11. An expression with one or more terms is called a ————

A. Polynomial
B. Binomial
C. Trinomial

12. Which of the following are like terms?

A. 7x, 12y
B. 15 x, -21x
C. 3xy, 3x

13. The sum of $3x + 11$ and $2x - 7$ is ————-

A. $5x + 4$
B. $x + 4$
C. $5x - 18$

14. Terms are added to form ————

A. expressions
B. variables
C. Constants

15. The Product of 2a and 7 b is

A. 9ab
B. 98ab
C. 14ab