



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Algebra Geometry

Class: 7

Date: 09. 06.20

Duration: 40 min

Worksheet Solution 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 _____

- 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. $15x, -21x$**
- 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 $7b$ is

- A. $9ab$
- B. $98ab$
- C. $14ab$**