



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

CLASS 8

SUBJECT :Algebra & Geometry

Work sheet 8

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

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