



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Algebra and Geometry

Class: 7

Date: 16.01.21

Duration: 40 min

Worksheet Solution 01

Full Marks: 15

ALGEBRAIC EXPRESSION

Choose the Correct options:

- The expression $2x + 3y$ is a _____
(a) monomial (b) **binomial** (c) polynomial (d) not a polynomial
- The expression $1 + x - xy$ is a _____
(a) monomial (b) binomial (c) **polynomial** (d) not a polynomial
- The expression $1 + 1/x$ is a _____
(a) monomial (b) binomial (c) polynomial (d) **not a polynomial**
- The expression 42 is a _____
(a) **monomial** (b) binomial (c) polynomial (d) not a polynomial
- The expression $7 - 3x + 8y$ is a _____
(a) monomial (b) binomial (c) **polynomial** (d) not a polynomial
- The expression $c^2 + 13$ is a _____
(a) monomial (b) **binomial** (c) polynomial (d) not a polynomial
- The expression $9b$ is a _____
(a) **monomial** (b) binomial (c) polynomial (d) not a polynomial
- The expression $42x^{1/4}$ is a _____
(a) monomial (b) binomial (c) polynomial (d) **not a polynomial**
- The degree of the polynomial $xyz + xy - x$ is _____
(a) 0 (b) 1 (c) 2 (d) **3**
- The degree of the polynomial $x^2y^2z^1$ is _____
(a) 1 (b) 3 (c) **5** (d) 6
- The degree of the polynomial $0.05y^{55}$ is _____
(a) 0.05 (b) 5 (c) 11 (d) **55**
- The degree of the polynomial $-3a^3b^5$ is _____
(a) 2 (b) 3 (c) 5 (d) **8**
- The degree of the polynomial $8a^3b^5 + a^2b^2$ is _____
(a) 5 (b) 4 (c) **8** (d) 12
- The degree of the polynomial $12x^2 + d$ is _____
(a) 0 (b) 1 (c) **2** (d) 12
- The degree of the polynomial $5 - 7x$ is _____
(a) 0 (b) **1** (c) 5 (d) 7