

Polynomial

**Monomials:** - Expression that contains only one term is called monomial.

$$2x, 2x^2y, 4x \div 5 \text{ etc.}$$

**Binomial:** - Expression that contains two terms is called binomial.

$$2x+3, 7x+4y, 2x(x+3y), \left(\frac{3x+5}{2}\right) \text{ etc}$$

**Trinomial:** - An expression that contains three terms is called trinomial.

$$2x+3y+7, 3x^2+4x+5, 7(3x^2+2x+8) \text{ etc.}$$

**Polynomial:** - An expression containing, one or more terms with non-zero coefficient is called a polynomial.

$$a+b+c+d, 3xy, 7xy-5, 3x+4y-9 \text{ etc.}$$

Like and Unlike terms

**Like terms:** - Two and more terms that have the same variables and powers is called like terms.

$$(2x^2y, 3x^2y), (8\sqrt{x^4y^2}, \frac{12}{5}\sqrt{x^4y^2})$$

**Unlike terms:** - Two and more terms that have the different variables and powers is called unlike terms.