

Unit 4: Algebraic Expressions and Algebraic

Formulas Overview

Algebraic expression:

An algebraic expression is that in which constants or variables or both are combined by basic operations.

Polynomial:

Polynomial means an expression with many terms.

Degree of Polynomial:

Degree of Polynomial means highest power of variable.

Rational expression:

Expression in the form $\frac{p(x)}{q(x)}$, ($q(x) \neq 0$) is called rational expression.

Surd:

An irrational radical with rational radicand is called a surd.

e.g., $\sqrt{3}$, $\sqrt{\frac{2}{5}}$,

Monomial Surd:

A surd which contains a single term is called monomial surd.

Binomial Surd:

A surd which contains sum or difference of two surds is called binomial surd.

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Report any mistake at freilm786@gmail.com