

## Home Work

Class: 9<sup>th</sup> (A-B)

Subject: Mathematics

Book: Mathematics 9

### Unit 4 Algebraic Expressions and Formulas:

Definition of Rational Numbers, Sum Difference and Product of Rational Numbers

Exercise 4.1

Algebraic Formulas:

Exercise 4.2

Surds and their Application

Exercise 4.3

Rationalization of Surds

Exercise 4.4

### Unit 5 Factorization:

Factorization by using formulas

Exercise 5.1

Factorization of the expression by using Mid-Term Break

Exercise 5.2

Remainder and Factor Theorem

Exercise 5.3

Factorization of a Cubic Polynomial

Exercise 5.4

### Unit 6 Algebraic Manipulation:

H.C.F and L.C.M of Algebraic Expressions

Exercise 6.1

Basic Operations on Algebraic Fractions:

Exercise 6.2

**For assistance:**

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