Education, Sabaraga agamuwa Province/ V PELEE School Department Education, Sabaraga	පළාත් අධාාපන දෙපාර් තමේන්තුව සබරගමුව සති පාසල	nce/ Weekly School Department of rtment of Education,Sabaragamuwa agamuwa Province/ Weekly School nce/ Weekly School Department of
Subject: - Mathematics	lv School Denartment of Education,SabaragamuwaProvince/Weekly School amuwaProvince/WeeklySchool Department of Education tekly School Department of Education Sabaragamuwa	Week: - 7 (1 <sup>st</sup> Term)
Grade: - 8	nent of Education, Sabaragan Guication, Sabaragamuwa Province/ Weekly Sc va Province/ Weekly School Department of Embilipitiya by School Department of Education, Sabaragam	onal Education Office

(Learning Time 2 Hours)

## Algebraic Expressions

- Recall what you have learnt in grade 7 about algebraic expressions.
- Recall about the words unknown constant, variable, algebraic terms, Coefficient and algebraic expressions by giving examples. Do the review exercise by studying the page no: 49
- Do the exercise 5.1 by studying the pages No: 51 & 52.

## 5.3 Multiplying an algebraic expression by a number

- When multiplying an algebraic expression by a number, each term in the algebraic expression is multiplied by that number. Do the exercise 5.2 by studying the pages no: 53, 54 and 55.
- When multiplying an algebraic expression by a negative number, each term in the algebraic expression should multiply by considering each term as a directed number. It means we have to consider it as a directed number and multiply each term of the algebraic expression by it. In this matter, we have to recall multiplication of directed numbers. Do the exercise 5.3 by studying the page no: 56.
- 5.4 Multiplying an algebraic term by another algebraic term.
  - In the algebraic term we get by multiplying an algebraic term by another algebraic term, the Coefficient is the original two algebraic terms and the product of the unknowns is the product of the two unknowns in the original algebraic terms. Do the exercise 5.4 by studying the examples in the page no: 57.
- 5.5 Multiplying an algebraic expression by an algebraic term
  - When multiplying an algebraic expression by an algebraic term, every algebraic term of the algebraic expression is multiplied by the given algebraic term. Do the exercise 5.5 by studying the pages no: 58 and 59.