	Nalanda Vidyalaya – Colombo 10	
	Unit Test Project	
Grade 6	**Mathematics**	**Unit : 18 – Algebraic Symbols**

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- **Answer all questions.**

Part I

1) Which of the following expressions state a known constant?

    i)   The number of days in a week

    ii)   The number of books in a bag

    iii)   The number of words you learnt

    iv)   The number of minutes in an hour

2) Underline the correct answer.

    The number of players in an elle team .... (is/is not) a known constant.

3) Write four mathematical operations that you know.

4) The number of sides of a square can be denoted using an algebraic symbol. Is that a constant or a variable?

- Denote each of the expressions given below using suitable algebraic symbols.

5) The number of coconuts plucked from a coconut tree

6) The price of a school bag

7) The length around a playground

8) The number of students in a class

9) The price of a television

10) The number of passengers travelled in a bus

Part II

1) Write down 5 expressions which state a constant value.

2) Write down 5 expressions which state a variable.

3) Write down whether each of the following is a constant value or a variable.

    i.   The daily rainfall

    ii. The number of right angles in a rectangle

    iii. The number of days in January

    iv. The length around a playground

    v. The number of words in a particular page of a book

    vi. The number of players in a volleyball team

    vii. The number of colours in a rainbow

    viii. The number of minutes in an hour

    ix. The breadth of a dining table

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x. The price of a coconut.

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