NALANDA V **Nalanda Vidyalaya – Colombo 10** ЭА VIDYALAYA

NALANDA VIDYALAY **Unit Test Project** NALANDA VIDYALAYA

| Grade 6 | Mathematics | **Unit : 13 - Decimals** |

(1) Write in words.

i) 0.28   ii) 56.5
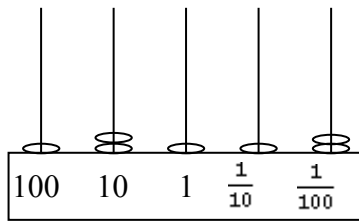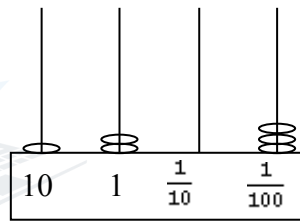
(2) Write each fraction below, using decimal places.

i) $\frac{7}{10}$ ii) $\frac{38}{100}$

(3) Write the value represented by each abacus below.

i)   ii)

| 100 | 10 | 1 | $\frac{1}{10}$ | $\frac{1}{100}$ |

| 10 | 1 | $\frac{1}{10}$ | $\frac{1}{100}$ |

(4) Arrange the following numbers in ascending order.

i)   0.7, 0.69, 0.93, 0.78

ii)   12.59, 20.07, 12.95, 20.75

(5) For the each pair of decimals below, fill in the blanks using one of the symbols <, > or =.

i)   0.7 ………………. 0.9

ii)   0.8 ………………. 0.80

iii) 0.08 ………………. 0.06

iv) 1.8 ………………. 2.6

Part II

(1) Complete the following table.

Number	Digit	Name of the position of the digit	Value represented by the digit
1.75	7		
82.34	2		
7.86	6		
57.0	5		
9.03	0		

(2) Simplify.

i) 0.8
    + 0.3
    _____

ii) 0.72
     + 0.23
     _____

iii) 5.32
      + 1.84
      _____

iv) 3.25
     + 6.98
     _____

v) Sisira went a distance of 1.84 *km* on his bicycle. He walked the rest of the journey 0.78 *km*. What is the total distance he travelled?

(3) Simplify.

i) 0.9 - 0.6 = _____

ii) 3.7 − 2.9 = _____

iii) 9.67 – 2.41 = _____

iv) 15.06 – 0.73 = _____

v) Waruna and Amara inherited 0.65 of the land by their mother. If Waruna inherited 0.37 of the land, how much of the land did Amara inherit?

Prepared by Ms. T. R. N. Niwanthie