



Nalanda College – Colombo 10

Mathematics – 2020 October

Grade - 7

Time – 01 hours

3 – Operations on whole numbers.

(1) Simplify the following expressions.

(i) $5 \times 4 + 13$

(ii) $21 \div 7 \times 2$

(iii) $100 + 30 \div 3$

(iv) $40 - 10 \times 2$

(v) $2 \times 12 \div 3 \times 1$

(vi) $48 \div (17 - 5)$

(vii) $(13 \times 10) + 22$

(viii) $16 + (16 \div 16)$

(ix) $3 + 6 \times (4 + 3) - 2 - 5$

(x) $20 + 4(13 - 5) \times 3 - 6$

(2) Write down an expression for the number of one litre, bottles that can be filled with a fruit drink made from 10 litres of water and 3 litres of fruit juice.

(3) The pencils in ten boxes, each of which contains 24 pencils, are divided equally among 12 students. Write down an expression for the number of pencils a single student receiver's and simplify it.