



Nalanda College – Colombo 10

Mathematics – 2020 October

Grade - 7

Time – 01 hours

4 – Factors and Multiples

(1) Without dividing , select the numbers which are divisible by 9.

805 , 549 , 729 , 4203 , 222 , 241

(2) From the following , select and write down the numbers.

(i) Which are divisible by 3.

(ii) Which are divisible by 4

(iii) Which are divisible by 6

723 , 240 , 24 , 664 , 208 , 900 , 2472 , 3016 , 5103 , 4350

(3) Factorize

(i) 205

(ii) 384

(iii) 112

(4) Express each of the following numbers as a product of its prime factors.

(i) 18

(ii) 25

(iii) 63

(iv) 55

(v) 34

(vi) 100

(5) Find the HCF of following numbers.

(i) 12 , 18 , 24

(ii) 9 , 27 , 36

(iii) 72 , 96 , 36

(iv) 30 , 24 , 18

(6) Find the LCM of following numbers.

(i) 20 , 30 , 40

(ii) 9 , 12 , 27

(iii) 3 , 4 , 5

(iv) 12 , 42 , 75