Content HW_Grade-5_Factors & Multiples

An Introduction to Factors & Multiples

I. Write the first three multiples of the given numbers.

(i) 4

(ii) 7

(iii) 13

II. Find the prime factor of 84.

III. Find the number:

(i) A multiple of 7 which lies between 30 and 40.

(ii) A multiple of 5 and 2 which is 2 more than the third multiple of 6.

(iii) A multiple of 3 and 5 greater than 42 but less than 47.

(iv) 2 digit prime number less than 47. The product of my digits is 21.

(v) Multiple of 3 but not of 6 and 9 greater than 22 but less than 37.

IV. Fill in the blanks:

(i) 3 × 5 = 15. Here 3 and 5 are ………….. of 15.

(ii) 6 × 7 = 42. Here 42 is the ………….. of 6 and 7.

(iii) The numbers with only 2 factors are called ………….. numbers.

(iv) The HCF of co-prime number is …………..

(v) A number can have ………….. multiples.

(vi) LCM of two co-prime numbers is their …………..

(vii) HCF of two or more numbers always ………….. their LCM.