

Name: _____ Grade: IV Branch: _____ Date: 29/04/20

Subject: Mathematics

Topic: Multiples and Factors

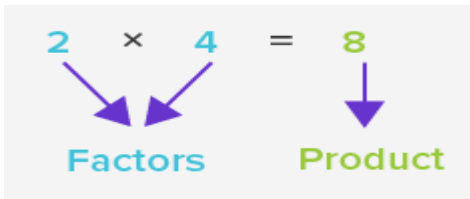
Definitions:

When two or more numbers are multiplied, the product is called the **multiple of each number being multiplied.*

E.g.: 5, 10, 15, 20, 25, are all multiples of 5.

****Factors** are the numbers that can divide the given number exactly, without leaving a remainder.*

E.g.:



Properties of Multiples:

**Every number is a multiple of itself.*

E.g.: 5 is the multiple of itself.

**Every number is a multiple of 1.*

E.g.: Multiples of 1 are 1×1 , 1×2 , 1×3 ,

**Multiples are uncountable (infinite) in number.*

E.g.: Multiples of 3 are 3, 6, 9, 12, 15,

**Multiple of any number is equal to or greater than the given number.*

E.g.: Multiples of 4 are 4, 8, 12, 16,

**Zero is a multiple of every number.*

E.g.: $1 \times 0 = 0$, $2 \times 0 = 0$,

Properties of Factors:

**The smallest factor of every number is 1.*

E.g.: Factors of 2 are 1,2.

**The largest factor of every number is the number itself.*

E.g.: Factors of 8 are 1,2,4,8

**The factor of any number is equal to or less than the given number.*

E.g.: Factors of 20 are 1,2,4,5,10,20

I. Write the first five multiples of the following numbers:

a) 8 =

b) 13 =

c) 20 =

d) 9 =

e) 11 =

II. Find the factors of the following numbers:

a) 64 =

b) 18 =

c) 256 =

d) 60 =

e) 100 =

III. Colour the numbers which are even in **Red** and **Blue** the numbers which are in odd:

