INDIAN SCHOOL AL WADI AL KABIR

DEPARTMENT OF MATHEMATICS (2021-2022)

TOPIC: FACTORS AND MULTIPLES   WORKSHEET

RESOURCE PERSON: Ms. BINA KOTHARI

NAME: _____CLASS: V   SEC: _____ DATE: _____

I. Read the statements given below and state whether they are True or False.

Justify your answer with an appropriate explanation.

a) The smallest factor of a number is the number itself (   )

Reason: _____

b) 3 is a factor of 46. (   )

Reason: _____

c) 2 is the only even Prime number. (   )

Reason: _____

d) All numbers divisible by 10 are also divisible by 5. (   )

Reason: _____

e) 12 is a composite number. (   )

Reason: _____

II) Fill in the blanks with correct answers.

a) _____ is the smallest odd prime number.
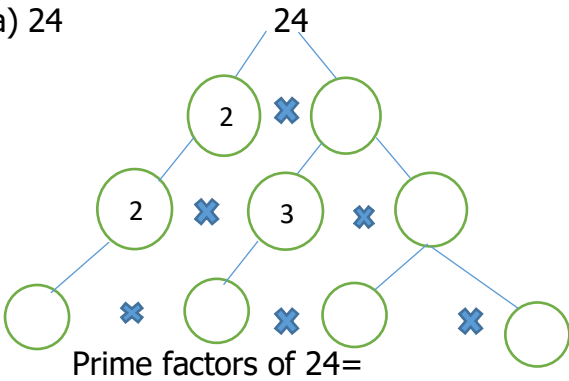
b) There are _____ prime numbers between 1 to 100.

c) The HCF of 3 and 4 is _____.

d) 31 is divisible only by _____ and _____.

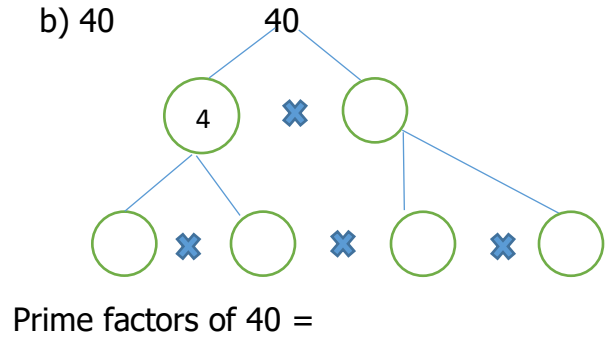e) A number has an uncountable number of _____.

III) Find the Prime Factors of the given numbers by Factor trees method

a) 24

Prime factors of 24=

b) 40

Prime factors of 40 =

IV) Using divisibility tests, check if the following numbers if they are divisible by 2, 3, 5, 6, 9, 10. Put a (√) if divisible and insert a (X) if not divisible.

NUMBERS	2	3	5	6	9	10
a) 123						
b) 670						
c) 2205						
d) 7119						
e) 3754						

IV. Find the HCF of 12 and 20 by listing all the factors.

_____
_____
_____
_____
_____
_____

V. Find the HCF by the Prime Factorization Method.
  a) 28 and 36

_____
_____
_____
_____
_____
_____
_____
_____

VI. Find the LCM of the following numbers by the Prime Factorization Method.
  a) 21, 35

_____
_____
_____
_____
_____
_____

VII) Find the LCM of 2 and 3 by using the number line method and complete the statements given below.

The common multiplies of 2 and 3 are: _____

The LCM of 2 and 3 is _____