



INDIAN SCHOOL AL WADI AL KABIR

DEPARTMENT OF MATHEMATICS (2024-25)

TOPIC: FACTORS AND MULTIPLES

REVISION WORKSHEET

RESOURCE PERSON: Ms. BINDU JOHN

NAME: _____ CLASS: V SEC: ____ DATE: _____

Q1. Answer these questions based on the concepts of factors and multiples.

- a) I am neither prime nor composite and so I am unique. I am the number _____.
- b) We are numbers that have just two factors. We are called _____ numbers.
- c) When two numbers have only 1 as their common factor they are called _____.
- d) The number 33×16 will become divisible by 3 if * is replaced by _____.

Q2. Complete the statements of Column A with their correct part in Column B

COLUMN A	COLUMN B
a) Prime factorization of 18	1) the sum of its digits is divisible by 9
b) 693 is divisible by 9 because	2) as it ends with two zero
c) The number 100 is divisible by 4	3) then their HCF will be 1
d) If 5 and 8 are coprime numbers	4) 3×7
e) Prime factorization of 21	5) $2 \times 3 \times 3$

Ans a) _____ b) _____ c) _____ d) _____ e) _____

Q3. Composite numbers have more than two factors. Write any four composite numbers in the boxes provided.

Q4. Find the HCF of 25 and 40 using the Prime Factorization Method.

Prime factors of 25 = _____

Prime factors of 40 = _____

Common Factors: _____

HCF of 25 and 40 = _____

Q5. Prime Factorise the given numbers using a factor tree and then find the LCM of the numbers.

30

36

Prime factorisation of 30 = _____

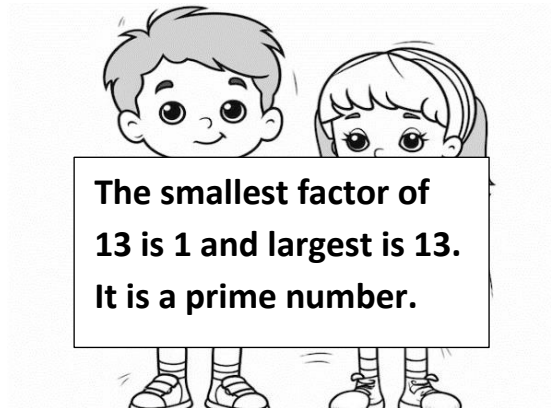
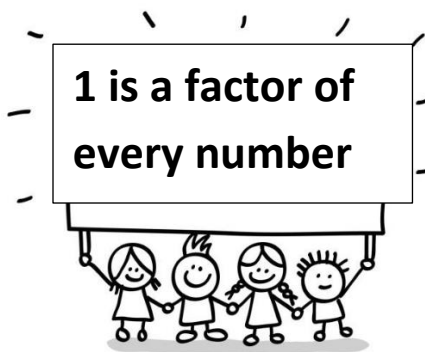
Prime factorization of 36 = _____

LCM of 30 and 36 is _____ **=** _____

Q6. Check the divisibility of the given numbers. Put a Tick (✓) if divisible and a cross (x) if not divisible.

Divisible by							
Number	2	3	4	5	6	9	10
430							
3024							
585							
900							

Q7. Here are some enthusiastic students who have revised the properties of Factors and Multiples very well and have displayed two statements. Check out if it is correct and colour the pictures.



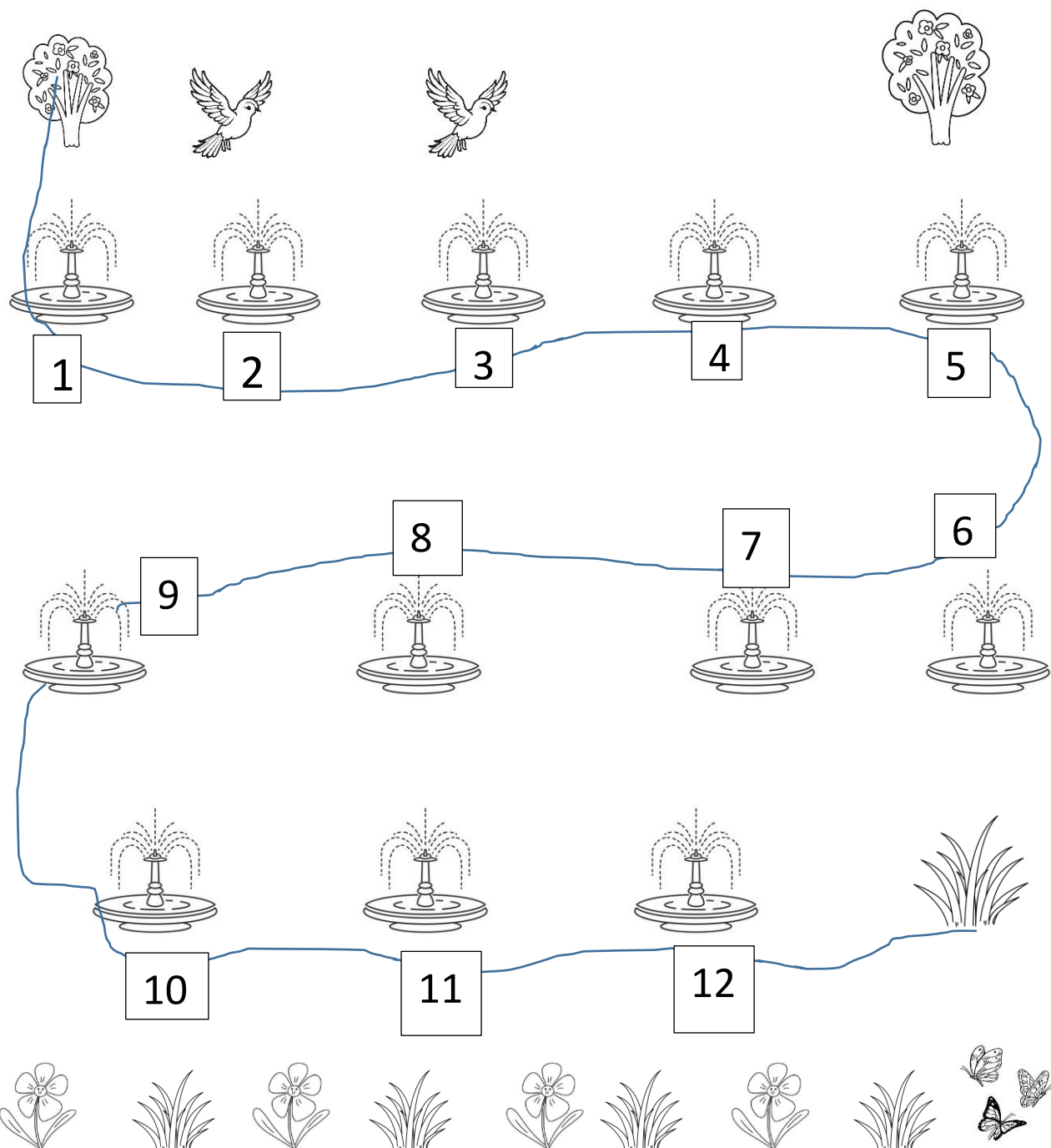
Q8. Bhola is a farmer. He grows mangoes in his farm. Can you state any 4 factors which contribute to the growth of nutritious mangoes? (E.V.S integration)



The factors for a healthy yield of mangoes are :-

- 1) _____
- 2) _____
- 3) _____
- 4) _____

Q9) A king ordered to construct fountains in his beautiful garden. He wanted the fountains with multiples of 3 to emit green light and fountains with multiples of 4 to emit yellow light. Can you guess which of the fountain will emit both green and yellow light?



Ans : The number is _____ and it is the _____ of 3 and 4.