INDIAN SCHOOL AL WADI AL KABIR

DEPARTMENT OF MATHEMATICS (2023-2024)

TOPIC: FACTORS AND MULTIPLES   **WORKSHEET**

RESOURCE PERSON: Mrs. Mini Henry

NAME: _____**CLASS: V SEC:** _____   **DATE:** _____

Read the instructions and do as directed.

Q1. Colour the numbers that are divisible by both 5 and 10 and complete the statement that follows.

2480	625	350	7332	880

The numbers ending with _____ are divisible by both 5 and 10.

Q2. Identify and shade the numbers that are divisible by 6 and complete the statement that follows.

348	544	60	412	912

The numbers _____ are divisible by 6 because they are divisible

by _____ as well as by _____.

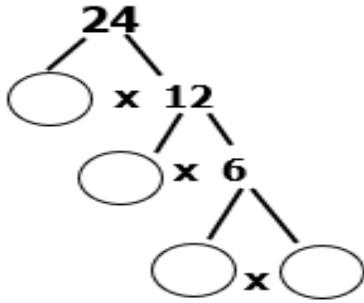**Q3. Separate the Prime numbers and the Composite numbers from the numbers given below.**

5, 8, 23, 32, 40, 41, 64, 88, 97, 54

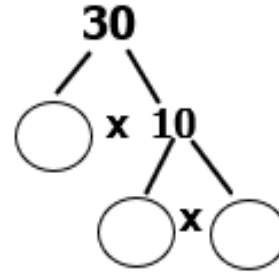| Prime Numbers	Composite Numbers

Q4. Fill in the blanks with the correct answer.

   a) _____ is neither a prime nor a composite number.

   b) _____ is the only even prime number.

   c) _____ is the smallest prime number.

Q5. Fill in the missing Prime Factors of the given numbers.

Prime Factorisation of 24

= ____ x ____ x ____ x ____

Prime Factorisation of 30

= ____ x ____ x ____

Q6. Find the HCF of 14 and 28 by listing all their factors.

Factors of 14: _____

Factors of 28: _____

Common factors of 14 and 28: _____

HCF of 14 and 28 = _____

Q7. Find the HCF of 15 and 30 by the Prime Factorisation method.

Prime factors of 15 = _____

Prime factors of 30 = _____

Common prime factors of 15 and 30 = _____

HCF of 15 and 30 = _____

Q8. Find the LCM of 5 and 8 by listing their multiples.

Multiples of 5: _____

Multiples of 8: _____

Common multiples of 5 and 8: _____

LCM of 5 and 8: _____

Q9. Find the LCM of 12 and 20 by the Prime Factorisation method.

Prime Factors of 12: _____

Prime factors of 20: _____

LCM of 12 and 20: _____

ISWK-Primary/Department of Mathematics (2023-2024)

CHECKED BY: ACADEMIC COORDINATOR- MATHEMATICS