

DELHI PUBLIC SCHOOL JAMMU

Session:2024-25

Assignment (October)

CLASS: V

SUB: MATHEMATICS

Topic: Multiples and Factors

Choose the correct option:

Q1. The number which is neither prime nor composite is _____

a) 1

b) 3

c) 0

Q2. Which of the following pairs of numbers are twin primes?

a) 31,35

b) 5,7

c) 73,75

Q3. The greatest prime number less than 100 is _____

a) 97

b) 99

c) 91

Q4. LCM of two co-prime numbers is their _____

a) sum

b) product

c) HCF

Q5. The product of two numbers is 7500. If the LCM of two numbers is 500, find the HCF.

Q6. Test the divisibility of the following numbers by 11:

a) 6633

b) 4016938

Q7. Find the smallest number which is exactly divisible by 24,36 and 54.

Q8. Find the LCM by prime factorization method:

a) 72 , 96

b) 36,48,60

Q9. Find the HCF by long division method:

a) 144 , 216

b) 48, 72, 120

Q10. The LCM of two numbers is 1344 and their HCF is 4. If one of the numbers is 84, find the other number.