

St. Andrews Scots Sr. Sec. School

9th Avenue, I.P. Extension, Patparganj, Delhi – 110092

Session: 2025-2026 - Worksheet

Class: VI

Subject: Maths

Topic: Prime Time

Worksheet No:05

Q1. What is the sum of any two

- (a) even numbers
- (b) odd numbers?

Q2. If the LCM and HCF of any two numbers are 15 and 4 respectively, find the product of the numbers.

Q3. Which of the following numbers is divisible by 3 and 9?

- (a) 1212
- (b) 625

Q4. Express each of the following numbers as the sum of two odd primes

- (a) 45
- (b) 39

Q5. Find the least 4-digit number which is exactly divisible by 8, 10, and 12.

Q6. Using divisibility tests, determine which of the following given numbers are divisible by 11:

- (a) 5445 (ii) 10824

Q7. A merchant has 120 litres of oil of one kind, 180 litres of another kind and 240 litres of third kind. He wants to sell the oil by filling the three kinds of oil in tins of equal capacity. What should be the greatest capacity of such a tin?

Q8. Find the prime factorisation of 65.

Q9. In a morning walk, three persons step off together. Their steps measure 80 cm, 85 cm and 90 cm respectively. What is the minimum distance each should walk so that all can cover the same distance in complete steps?

Q10. The HCF of two numbers is 6, if one of the numbers is 42, find the other number?