

Chapter 1: Knowing Our Numbers – Worksheet

Section A: Short Answer Questions

1. Write 85,064 in expanded form.
2. Form the smallest 6-digit number using the digits 0, 1, 3, 4, 5, 6 (only once).
3. Find the difference between the place value and face value of 5 in the number 5,24,819.
4. Round the following numbers to the nearest thousand:
 - a) 18,429
 - b) 67,385
5. Write the following numbers in the international system:
 - a) 52,08,064
 - b) 3,45,987

Section B: BODMAS and Brackets

6. Simplify: $15 + 6 \times (3 - 2) - 4$
7. Simplify: $36 - 18 \div 3 + 5 \times 2$
8. Simplify: $8 + 2$ of $3 + 12 \div 4$
9. Solve the following using brackets:
 - a) $[72 - 12 \div 3 \text{ of } 2] + (18 - 6) \div 4$
 - b) $\{18 - [2 \times (4 + 1)]\} + 3$

Section C: Roman Numerals

10. Write the following numbers in Roman numerals:
 - a) 48
 - b) 74
 - c) 96
 - d) 134
11. Convert the following Roman numerals to Hindu–Arabic numbers:
 - a) XLIX
 - b) XCIV
 - c) CXLIV
 - d) CCXLIX
12. State whether each of the following Roman numerals is meaningful or non-meaningful:
 - a) IIV
 - b) CXXXX
 - c) XXIV
 - d) MXCVI
 - e) IC

Chapter 2: Exploring Numbers – Worksheet

Section A: Conceptual Questions

13. Which is the smallest natural number?
14. Which is the smallest whole number?
15. Which number is the identity for multiplication in whole numbers?

16. Write the successor of 9999.
17. Write the predecessor of 1.

Section B: Name the Property

18. Name the property used in each of the following:
19. a) $25 + 35 = 35 + 25$
20. b) $(6 \times 4) \times 5 = 6 \times (4 \times 5)$
21. c) $5 \times (9 + 3) = (5 \times 9) + (5 \times 3)$
22. d) $8 + 0 = 8$
23. e) $7 \times 1 = 7$

Section C: Word Problems

24. A bus travels 265 km every day. Find the total distance covered in 9 days.
25. A box of 6 pencils costs ₹18.
 a) What is the cost of one pencil?
 b) What is the cost of 24 pencils?
26. A family uses 5 units of electricity daily. Each unit costs ₹6.
 a) How many units are used in 30 days?
 b) What is the total electricity bill?