HOME ASSIGNMENT Class VI

CH 2 Whole Numbers

1. If a, b are whole numbers, then a + b, a × b are also whole numbers. Prove by taking a = 6 and b = 5. Which property is this?
2. Write the largest 5-digit whole number and the smallest 4-digit whole number.
3. Make the largest and the smallest possible numbers by using the digits 9, 0, 1, 7, 3 only once.
4. Write 5 successive whole numbers after 401092.
5. Write 5 consecutive whole numbers preceding 654000.
6. Rearrange the digits of the number 20057034 to obtain the largest and the smallest numbers of 8 digits.
7. How many whole numbers are there between 7893005 and 789368?
8. Verify and state the property:
   (a) $2 - 3 \neq 3 - 2$
   (b) $4 - (3 - 2) \neq (4 - 3) - 2$
   (c) $2 \times (4 - 3) = (2 \times 4) - (2 \times 3)$
   (d) $70 \times 102 = (70 \times 100) + (70 \times 2)$
9. Fill in the blank to make the statement true and state the property used:
   (a) $395 + 602 = 602 + \ldots.$
   (b) $475 \times 1325 = \ldots.. \times 475$
   (c) $47 + (52 + 93) = (47 + \ldots.) + 93$
   (d) $37 \times (45 + 27) = (37 \times \ldots) + (37 \times \ldots)$
   (e) $12345 + 0 = \ldots\ldots$
   (f) $6789 \times \ldots. = 6789$
10. Solve by suitable rearrangement:
    (a) 477 + 630 + 523
    (b) 62 + 697 + 38 + 303
    (c) 2 × 127 × 50
    (d) 125 × 1234 × 8
11. Solve by using Distributive Property:
    (a) 968 × 73 + 968 × 27
    (b) 16825 × 16825 – 16825 × 6825
    (c) 569 × 17 + 569 × 13 + 569 × 70
    (d) 740 × 105
    (e) 996 × 337
    (f) 580 × 64
12. There are six sections of class VI in a school and there are 45 students in each section. If the monthly charges from each student are Rs 1650, find the total monthly fee collection from class VI.