

**SESSION : 3**

**CLASS : V**

**SUBJECT : MATHEMATICS**

**CHAPTER NUMBER: 5**

**CHAPTER NAME : OPERATIONS ON LARGER NUMBERS**

**SUBTOPIC : Simplification**

**Exercise - 5 A Q. No 10 to 12**

---

**CHANGING YOUR TOMORROW**

---

## LEARNING OBJECTIVE

# Students will be able to simplify problems based on both addition and subtraction of larger numbers with proper steps.

#They will be able to deal with complex calculations.

**Q.No-10 Which is greater, the sum of 3, 42, 48, 546 and 8, 10, 36, 200 or the sum of 12, 04, 58, 757 and 95, 00, 700 ?**

**Solution- Sum of 3, 42, 48, 546 and 8, 10, 36, 200 is**

$$\begin{array}{r} \phantom{+} 3 \phantom{00} 42 \phantom{00} 48 \phantom{00} 546 \\ + 8 \phantom{00} 10 \phantom{00} 36 \phantom{00} 200 \\ \hline 11 \phantom{00} 52 \phantom{00} 84 \phantom{00} 746 \end{array}$$

**Sum of 12, 04, 58, 757 and 95, 00, 700 is**

$$\begin{array}{r} 12 \phantom{00} 04 \phantom{00} 58 \phantom{00} 757 \\ + \phantom{00} 95 \phantom{00} 00 \phantom{00} 700 \\ \hline 12 \phantom{00} 99 \phantom{00} 59 \phantom{00} 457 \end{array}$$

**115284746 < 129959457**

**So, the sum of 12, 04, 58, 757 and 95, 00, 700 is greater.**

**Q.No-10 How much should be added to the sum of 3, 72, 65, 432 and 68, 56, 385 to get 5, 50, 00, 000**

**Solution- Sum of 3, 72, 65, 432 and 68, 56, 385 is**

$$\begin{array}{r} \phantom{+} 1 \phantom{00} 1 \phantom{00} 1 \phantom{00} 1 \phantom{00} 1 \\ 3 \phantom{00} 72 \phantom{00} 65 \phantom{00} 432 \\ + \phantom{00} 68 \phantom{00} 56 \phantom{00} 385 \\ \hline 4 \phantom{00} 41 \phantom{00} 21 \phantom{00} 817 \end{array}$$

**Number to be added with the sum to get 5, 50, 00, 000 is**

$$\begin{array}{r} \phantom{+} 5 \phantom{00} 50 \phantom{00} 00 \phantom{00} 000 \\ + \phantom{00} 4 \phantom{00} 41 \phantom{00} 21 \phantom{00} 817 \\ \hline 1 \phantom{00} 08 \phantom{00} 78 \phantom{00} 182 \end{array}$$

**Ans- 1, 08, 78, 182**

## Simplify:

Example-  $20 - 6 - 10 - 3 =$

$$\underline{20} - 6 - 10 - 3 = \quad \underline{14} - 10 - 3 = \quad 4 - 3 = 1$$

(12-a)-:  $16, 27, 615 - 2, 48, 428 - 10, 75, 560 - 82, 942$

$$\begin{array}{r} 16 \quad 27 \quad 615 \\ - 2 \quad 48 \quad 428 \\ \hline 13 \quad 79 \quad 187 \\ - 10 \quad 75 \quad 560 \\ \hline 03 \quad 03 \quad 627 \\ - \quad \quad 82 \quad 942 \\ \hline 2 \quad 20 \quad 685 \end{array}$$

Ans- 2, 20, 685

## Simplify:

$$(12-b)-: 2,25,16,400 - 3,44,50,675 + 6,00,60,500 - 3,18,21,791$$

$$2,25,16,400 + 6,00,60,500 - 3,44,50,675 - 3,18,21,791$$

$$\begin{array}{r} 2\ 25\ 16\ 400 \\ +\ 6\ 00\ 60\ 500 \\ \hline 8\ 25\ 76\ 900 \\ -\ 3\ 44\ 50\ 675 \\ \hline 4\ 81\ 26\ 225 \\ -\ 3\ 18\ 21\ 791 \\ \hline 1\ 63\ 04\ 434 \end{array}$$

Ans- 1,63,04,434

## Simplify:

(12-c)-:  $75,614 + 23,18,493 - 18,80,000 - 9,474$

$$\begin{array}{r} 75\ 614 \\ + 23\ 18\ 493 \\ \hline 23\ 94\ 107 \\ - 18\ 80\ 000 \\ \hline 5\ 14\ 107 \\ - 9\ 474 \\ \hline 5\ 04\ 633 \end{array}$$

Ans- 5 04 6 3 3

## Simplify:

(12-d)-:  $686 + 74,400 - 40,00,000 + 48,00,000$

$$\begin{array}{r} 686 \\ + 74400 \\ + 4800000 \\ \hline 4875086 \\ - 4000000 \\ \hline 875086 \end{array}$$

Ans- 8,75,086



# LEARNING OUTCOME

**Students are be able to**

- ❖ Simplify problems based on both addition and subtraction of larger numbers with proper steps.
- ❖ They will be able to deal with complex calculations.

## **HOME WORK**

**Complete exercise - 5 A**

**Q. No 10 to 12 in the note book**

**THANKING YOU**  
**ODM EDUCATIONAL GROUP**