

LS 5. Operations on Large Numbers

ADDITION

- Two or more numbers which are to be added are called **addends**.
- The answer of addition is called **Sum**.
- **Addend 1 + Addend 2 + Addend 3 = sum**

Self Practice 5 A (Pg No. 39)

Self Practice 5A

1. Add -

a)

$$\begin{array}{r} 205938902 \\ + 181027865 \\ \hline 386966767 \end{array}$$

b)

$$\begin{array}{r} 864428095 \\ + 89356892 \\ \hline 953784987 \end{array}$$

c) H.W → c, d

e)

$$\begin{array}{r} \textcircled{1} \textcircled{2} \textcircled{1} \quad \textcircled{2} \textcircled{1} \\ 5 \ 3 \ 5 \ 6 \ 4 \ 0 \ 2 \ 1 \\ + 8 \ 2 \ 4 \ 7 \ 3 \ 7 \ 8 \ 6 \\ 7 \ 3 \ 8 \ 9 \ 4 \ 0 \ 9 \ 5 \\ \hline 20 \ 9 \ 9 \ 3 \ 1 \ 9 \ 0 \ 2 \end{array}$$

f)

$$\begin{array}{r} \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1} \quad \textcircled{1} \\ 7 \ 9 \ 0 \ 2 \ 4 \ 1 \ 2 \ 6 \ 5 \\ + 2 \ 1 \ 8 \ 1 \ 2 \ 6 \ 4 \ 5 \ 0 \\ 7 \ 3 \ 3 \ 9 \ 5 \ 8 \ 0 \ 0 \ 3 \\ \hline 17 \ 4 \ 2 \ 3 \ 2 \ 5 \ 7 \ 1 \ 8 \end{array}$$

2. Add $44,16,98,853 + 7,75,09,162 + 59,96,78,437 + 7,72,564$

$$\begin{array}{r} \textcircled{2} \textcircled{1} \textcircled{2} \textcircled{2} \textcircled{2} \textcircled{2} \textcircled{2} \textcircled{1} \\ 44 \ 16 \ 98 \ 853 \\ \quad 7 \ 75 \ 09 \ 162 \\ + 59 \ 96 \ 78 \ 437 \\ \quad \quad 7 \ 72 \ 564 \\ \hline 1,11,96,59,016 \end{array}$$

H.W. – Q1- c,d

e)

$$\begin{array}{r}
 \textcircled{1} \textcircled{2} \textcircled{1} \quad \textcircled{2} \textcircled{1} \\
 5 \ 3 \ 5 \ 6 \ 4 \ 0 \ 2 \ 1 \\
 + 8 \ 2 \ 4 \ 7 \ 3 \ 7 \ 8 \ 6 \\
 7 \ 3 \ 8 \ 9 \ 4 \ 0 \ 9 \ 5 \\
 \hline
 20 \ 9 \ 9 \ 3 \ 1 \ 9 \ 0 \ 2
 \end{array}$$

f)

$$\begin{array}{r}
 \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1} \quad \textcircled{1} \\
 7 \ 9 \ 0 \ 2 \ 4 \ 1 \ 2 \ 6 \ 5 \\
 + 2 \ 1 \ 8 \ 1 \ 2 \ 6 \ 4 \ 5 \ 0 \\
 7 \ 3 \ 3 \ 9 \ 5 \ 8 \ 0 \ 0 \ 3 \\
 \hline
 17 \ 4 \ 2 \ 3 \ 2 \ 5 \ 7 \ 1 \ 8
 \end{array}$$

2. Add $44,16,98,853 + 7,75,09,162 + 59,96,78,437 + 7,72,564$

$$\begin{array}{r}
 \textcircled{2} \textcircled{1} \textcircled{3} \textcircled{3} \textcircled{2} \textcircled{2} \textcircled{2} \textcircled{1} \\
 44 \ 16 \ 98 \ 853 \\
 7 \ 75 \ 09 \ 162 \\
 + 59 \ 96 \ 78 \ 437 \\
 7 \ 72 \ 564 \\
 \hline
 1,11,96,59,016
 \end{array}$$

5. How much is 7 crore more than five lakh seventy eight thousand ?

Solution \Rightarrow

$$\begin{array}{r}
 699910 \\
 \uparrow \\
 00000 \\
 - 578000 \\
 \hline
 6,94,22,000
 \end{array}$$

6. What must be added to 70,62,369 to make it equal to eighty lakh ?

Solution \Rightarrow

$$\begin{array}{r}
 79999910 \\
 8000000 \\
 - 7062369 \\
 \hline
 09,37,631
 \end{array}$$

Ans = 9,37,631

7. Copy and simplify :

$$2,89,46,837 + 7,96,85,498 - 9,99,86,999$$

$$\begin{array}{r}
 \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1} \\
 28946837 \\
 + 79685498 \\
 \hline
 10,86,32,335
 \end{array}
 \qquad
 \begin{array}{r}
 9 \overset{17}{7} \overset{15}{5} \overset{12}{2} \overset{11}{2} \overset{12}{2} \overset{12}{2} \\
 4 \overset{17}{0} \overset{15}{8} \overset{12}{6} \overset{11}{3} \overset{12}{2} \overset{12}{3} \overset{15}{5} \\
 - 99986999 \\
 \hline
 00,86,45,336
 \end{array}$$

Ans = 86,45,336

8. Neha bought a fully furnished penthouse for eight crore seventy five thousand rupees. If the cost of furnishing alone was 11,78,970 rupees, find the cost of the house.

Solution →

$$\text{Cost of fully furnished penthouse} = ₹ 8,00,75,000$$

$$\text{Cost of furnishing} = ₹ 11,78,970$$

∴ Cost of the house

$$= ₹ 8,00,75,000 - ₹ 11,78,970$$

$$= ₹ 7,88,96,030$$

Ans. The cost of the house
is ₹ 7,88,96,030

7	9	9	8	4	9	10
8	0	0	7	5	0	0
-	1	1	7	8	9	7
<hr/>						
7	8	8	9	6	0	3