

CHAPTER - 2

Addition And Subtraction

Exercise - 1

1. Fill in the boxes with correct digits.

$$\begin{array}{r}
 \text{(a)} \quad \boxed{5} \ 6 \ 1 \ \boxed{3} \ 2 \ 1 \\
 \quad \quad 4 \ 6 \ \boxed{3} \ 5 \ 1 \ 9 \ \boxed{4} \\
 + 4 \ \boxed{3} \ 4 \ 2 \ \boxed{9} \ 9 \ 1 \ 1 \\
 \hline
 \quad \quad 4 \ 8 \ 6 \ 1 \ 7 \ 4 \ \boxed{2} \ 6
 \end{array}$$

$$\begin{array}{r}
 \text{(b)} \quad 5 \ \boxed{0} \ 3 \ 9 \ 8 \ \boxed{5} \ 4 \\
 + \ \boxed{4} \ 7 \ 8 \ \boxed{0} \ 3 \ 6 \ \boxed{2} \\
 \hline
 \quad \quad 9 \ 8 \ 2 \ 0 \ \boxed{2} \ 1 \ 6
 \end{array}$$

2. Find the number which is 32586 more than 87,65,432.

Solution:- The number which is
32586 more than 87,65,432
 $= 87,65,432 + 32,586$

$$\begin{array}{r} \textcircled{1} \textcircled{1} \\ 8765432 \\ + 32586 \\ \hline \end{array}$$

$$8798018 \quad \text{Ans.}$$

3. A chocolate factory produced 12,35,450 chocolates in January, 20,25,800 chocolates in February and 15,20,875 in March. How many chocolates were produced in the three months?

Solution:- Total number of chocolates produced in the three months

$$\begin{aligned} &= 12,35,450 + 20,25,800 + 15,20,875 \\ &= 47,82,125 \end{aligned}$$

$$\begin{array}{r} \textcircled{1} \textcircled{2} \textcircled{1} \\ 1235450 \\ 2025800 \\ + 1520875 \\ \hline \end{array}$$

$$4782125 \quad \text{Ans.}$$

4. The population of three countries A, B and C are 1,38,50,507, 8,01,76,145 and 6,24,05,680 respectively. Find the total population of the three countries.

Solution: Total population of the three countries =

$$1,38,50,507 + 8,01,76,145 + 6,24,05,680 = 15,64,32,332$$

$$\begin{array}{r} \text{A} \quad \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{2} \textcircled{0} \\ 1 \ 3 \ 8 \ 5 \ 0 \ 5 \ 0 \ 7 \\ 8 \ 0 \ 1 \ 7 \ 6 \ 1 \ 4 \ 5 \\ + \ 6 \ 2 \ 4 \ 0 \ 5 \ 6 \ 8 \ 0 \\ \hline 1 \ 5 \ 6 \ 4 \ 3 \ 2 \ 3 \ 3 \ 2 \quad \text{Ans.} \end{array}$$

5. In an election, candidate A got 2,36,465 votes more than candidate B, if candidate B got 43,45,400 votes, how many votes did candidate A get?

Solution:- Number of votes for

$$\text{Candidate A} = 2,36,465 + 43,45,400$$

$$= 45,81,865$$

$$\begin{array}{r} \textcircled{1} \\ 2\ 3\ 6\ 4\ 6\ 5 \\ +\ 4\ 3\ 4\ 5\ 4\ 0\ 0 \\ \hline 4\ 5\ 8\ 1\ 8\ 6\ 5 \end{array} \quad \text{Ans.}$$

6. 27,51,650 boys and 18,42,725 girls appeared for an examination. Find the total number of students who appeared for the examination.

Solution:- Total number of students who appeared for the examination =

$$= 27,51,650 + 18,42,725$$

$$= 45,94,375$$

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

7. Mr. Bajaj bought a house for ₹ 34,25,600 and a Computer for ₹ 46,450. How much money did he spend in all.

Solution:- $34,25,600 + 46,450$
 $= 34,72,050$

$$\begin{array}{r} \textcircled{1} \textcircled{1} \\ 34,25,600 \\ + 46,450 \\ \hline \end{array}$$

34,72,050 Ans.

8. In 2014, a factory produced 4,26,600 bulbs more than that in the year 2013. If the number of bulbs produced in 2013 were 68,46,325, find the number of bulbs produced in 2014.

Solution:- The number of bulbs produced

in 2014 = $4,26,600 + 68,46,325$
 $= 72,72,925$

$$\begin{array}{r} \textcircled{1} \textcircled{1} \\ 4,26,600 \\ + 68,46,325 \\ \hline \end{array}$$

72,72,925 Ans.

9. The difference between two numbers is 24,50,172. Find the bigger number if the smaller number is 15,28,978.

Solution:- The bigger number

$$= 24,50,172 - 15,28,978$$

$$= 921194$$

$$\begin{array}{r} \textcircled{1} \textcircled{14} \textcircled{4} \textcircled{9} \textcircled{0} \textcircled{12} \textcircled{12} \\ 2450172 \\ - 1528978 \\ \hline 0921194 \end{array}$$

Ans.

10. Nitin takes a loan of ₹ 35,50,000 from a bank to buy a house. If he has to pay ₹ 5,55,000 from his own pocket, how much does the house cost?

Solution:- Cost of house =

$$= 35,50,000 + 5,55,000$$

$$= \textcircled{41} \textcircled{05} \textcircled{000}$$

$$3550000$$

$$+ 555000$$

$$\hline 4105000$$

Ans.

Exercise - 2

1. The sum of two numbers is 7,28,11,500. If one of the numbers is 2,56,99,297. Find the other.

Solution:- The other Number =

$$7,28,11,500 - 2,56,99,297$$

$$= 47112203$$

⑥ ⑫ ⑦ ⑩ ⑪ ④ ③ ⑩

7 2 8 1 1 5 0 0

- 2 5 6 9 9 2 9 7

4 7 1 1 2 2 0 3

Ans.

2. What should be added to 1,80,78,975 to get 5,55,55,555

Solution:- $5,55,55,555 - 1,80,78,975$

⑥ ⑮ ② ⑩ ⑪ ⑨ ⑮

5 5 5 5 5 5 5 5

- 1 8 0 7 8 9 7 5

3 7 4 7 6 5 8 0

Ans.

3. In 2013, the population of a country was 8,27,45,600. In 2014, the population became 8,58,99,725. Find the increase in population of the country.

Solution: The increase in population

$$\text{of the country} = 8,58,99,725 - 8,27,45,600$$

$$= 3154125$$

$$\begin{array}{r} 85899725 \\ - 82745600 \\ \hline \end{array}$$

$$\underline{03154125} \text{ Ans.}$$

4. The difference of two numbers is 3,40,33,152. If the larger number is 8,25,55,095 find the smaller number.

Solution: The smaller Number =

$$8,25,55,095 - 3,40,33,152$$

$$= 48521943$$

$$\begin{array}{r} \textcircled{7} \textcircled{12} = \textcircled{7} \textcircled{10} \\ 82555095 \\ - 34033152 \\ \hline \end{array}$$

$$= 48521943$$

$$\underline{48521943} \text{ Ans.}$$

5. Mrs. Mehta had ₹ 47,35,150 in her bank account. She withdrew ₹ 18,87,250 to buy a flat and ₹ 3,45,500 to buy a car. How much money is left in her account?

Solution:- The total money withdrawn =
 $18,87,250 + 3,45,500 = 22,32,750$
The total money is left in her account
 $= 47,35,150 - 22,32,750 = 25,02,400$

$$\begin{array}{r} \textcircled{4} \textcircled{10} \textcircled{14} \textcircled{10} \\ 47\ 35\ 150 \\ - 22\ 32\ 75 \\ \hline 25\ 02\ 400 \end{array} \quad \text{Ans.}$$

6. 42,85,700 students appeared for the Maths Olympiad. If 28,32,150 of them were boys, how many girls appeared for the examination?

Solution:- The Number of girls appeared for the examination =

$$42,85,700 - 28,32,150 = 14,53,550$$

$$\begin{array}{r} \textcircled{3} \textcircled{12} \quad \textcircled{6} \textcircled{10} \\ 42\ 85\ 700 \\ - 28\ 32\ 150 \\ \hline 14\ 53\ 550 \end{array} \quad \text{Ans.}$$

7. The total population of a city is 7,18,625. There are 4,09,329 males in the city. How many females are there.

Solution:- The Numbers of Females

$$= 7,18,625 - 4,09,329 = 3,09,295$$

$$\begin{array}{r} \textcircled{0} \textcircled{18} \textcircled{5} \textcircled{11} \textcircled{14} \\ 718625 \\ - 409329 \\ \hline 309295 \end{array} \text{ ans.}$$

8. Fill in the $\square$ with correct digits.

(a)	TL	L	TTh	Th	H	T	O
	8	$\square$	4	5	$\square$	1	2
	-	$\square$	0	6	$\square$	1	$\square$
	1	2	7	7	6	$\square$	2

(b.)

C	TL	L	TTH	TH	H	T	O
2	[0]	8	3	[8]	[8]	2	1
-1	2	[6]	1	6	7	[8]	[9]
[0]	8	2	[2]	2	0	3	2