

Exercise-2.3

A. Write in columns and find the Sum.

$$\textcircled{1} \quad 725 + 8095$$

Th H T O

1 1

7 2 5

+ 8 0 9 5

8 8 2 0

$$\textcircled{\text{Ans}} \rightarrow 725 + 8095 = 8820$$

$$\textcircled{2} \quad 1008 + 7944$$

Th H T O

1

1 0 0 8

+ 7 9 4 4

8 9 5 2

$$\textcircled{\text{Ans}} \rightarrow 1008 + 7944 = 8952$$

$$\textcircled{3} \quad 3652 + 5423$$

Th H T O

1

3 6 5 2

+ 5 4 2 3

9 0 7 5

$$\textcircled{\text{Ans}} \rightarrow 3652 + 5423 = 9075$$

$$\textcircled{4} \quad 1121 + 3009$$

Th H T O

1

1 1 2 1

+ 3 0 0 9

4 1 3 0

$$\textcircled{\text{Ans}} \rightarrow 1121 + 3009 = 4130$$

$$\textcircled{5} \quad 2150 + 3889$$

Th H T O

1 1

2 1 5 0

+ 3 8 8 9

6 0 3 9

$$\textcircled{\text{Ans}} \rightarrow 2150 + 3889 = 6039$$

$$\textcircled{6} \quad 5167 + 2837$$

Th H T O

1 1 1

5 1 6 7

+ 2 8 3 7

8 0 0 4

$$\textcircled{\text{Ans}} \rightarrow 5167 + 2837 = 8004$$

$$\textcircled{7} \quad 5462 + 1538$$

Th H T O

1 1 1

5 4 6 2

+ 1 5 3 8

7 0 0 0

$$\textcircled{\text{Ans}} \rightarrow 5462 + 1538 = 7000$$

$$\textcircled{8} \quad 1070 + 683$$

Th H T O

1

1 0 7 0

+ 6 8 3

1 7 5 3

$$\textcircled{\text{Ans}} \rightarrow 1070 + 683 = 1753$$

B. Estimate the sum by rounding off the numbers to the nearest ten, Add to find the actual sum.

$$\begin{array}{r} \textcircled{1} \quad 45 - \text{rounds up to} \rightarrow 50 \\ + 22 - \text{rounds down to} \rightarrow + 20 \\ \hline 67 \qquad \qquad \qquad 70 \end{array}$$

Ans \rightarrow Actual sum of 45 and 22 = 67
Estimated sum of 45 and 22 = 70

$$\begin{array}{r} \textcircled{2} \quad 26 - \text{rounds up to} \rightarrow 30 \\ + 55 - \text{rounds up to} \rightarrow + 60 \\ \hline 81 \qquad \qquad \qquad 90 \end{array}$$

Ans \rightarrow Actual sum of 26 and 55 = 81
Estimated sum of 26 and 55 = 90

$$\begin{array}{r} \textcircled{3} \quad 62 - \text{rounds down to} \rightarrow 60 \\ + 11 - \text{rounds down to} \rightarrow + 10 \\ \hline 73 \qquad \qquad \qquad 70 \end{array}$$

Ans \rightarrow Actual sum of 62 and 11 = 73
Estimated sum of 62 and 11 = 70

$$\begin{array}{r} \textcircled{4} \quad 49 - \text{rounds up to} \rightarrow 50 \\ + 25 - \text{rounds up to} \rightarrow + 30 \\ \hline 74 \qquad \qquad \qquad 80 \end{array}$$

Ans \rightarrow Actual sum of 49 and 25 = 74
Estimated sum of 49 and 25 = 80