

## Exercise

Add the following.

$$\begin{array}{r} \text{T} \text{ O} \\ 3 \ 5 \\ + 1 \ 2 \\ \hline 4 \ 7 \end{array}$$

$$\begin{array}{r} \text{T} \text{ O} \\ 1 \ 3 \\ + 2 \ 5 \\ \hline 3 \ 8 \end{array}$$

$$\begin{array}{r} \text{T} \text{ O} \\ 5 \ 4 \\ + 3 \ 2 \\ \hline 8 \ 6 \end{array}$$

$$\begin{array}{r} \text{T} \text{ O} \\ 4 \ 2 \\ + 3 \ 5 \\ \hline 7 \ 7 \end{array}$$

$$\begin{array}{r} \text{T} \text{ O} \\ 2 \ 3 \\ + 2 \ 0 \\ \hline 4 \ 3 \end{array}$$

$$\begin{array}{r} \text{T} \text{ O} \\ 4 \ 4 \\ + 2 \ 2 \\ \hline 6 \ 6 \end{array}$$

$$\begin{array}{r} \text{T} \text{ O} \\ 2 \ 5 \\ + 3 \ 3 \\ \hline 5 \ 8 \end{array}$$

$$\begin{array}{r} \text{T} \text{ O} \\ 5 \ 5 \\ + 2 \ 2 \\ \hline 7 \ 7 \end{array}$$

$$\begin{array}{r} \text{T} \text{ O} \\ 7 \ 2 \\ + 2 \ 0 \\ \hline 9 \ 2 \end{array}$$

$$\begin{array}{r} \text{T} \text{ O} \\ 6 \ 0 \\ + 2 \ 0 \\ \hline 8 \ 0 \end{array}$$

$$\begin{array}{r} \text{T} \text{ O} \\ 3 \ 3 \\ + 1 \ 1 \\ \hline 9 \ 9 \end{array}$$

$$\begin{array}{r} \text{T} \text{ O} \\ 7 \ 9 \\ + 2 \ 0 \\ \hline 9 \ 9 \end{array}$$

$$\begin{array}{r} \text{T} \text{ O} \\ 7 \ 6 \\ + 1 \ 1 \\ \hline 8 \ 7 \end{array}$$

$$\begin{array}{r} \text{T} \text{ O} \\ 9 \ 5 \\ + 0 \ 2 \\ \hline 9 \ 7 \end{array}$$

$$\begin{array}{r} \text{T} \text{ O} \\ 8 \ 5 \\ + 1 \ 0 \\ \hline 9 \ 5 \end{array}$$

## Example 2 Add 13, 24 and 35.

$$\begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{1} \\
 1 \quad 3 \\
 2 \quad 4 \\
 + \quad 3 \quad 5 \\
 \hline
 7 \quad 2
 \end{array}$$

**Step 1 :** Add the ones together.

$$\begin{aligned}
 3 \text{ ones} + 4 \text{ ones} + 5 \text{ ones} &= 12 \text{ ones} \\
 12 \text{ ones} &= 10 \text{ ones} + 2 \text{ ones} \\
 &= 1 \text{ ten} + 2 \text{ ones}
 \end{aligned}$$

Write 2 under ones' column and carry over 1 ten to the tens' column.

**Step 2 :** Add the tens together including the carry over.  
 $1 \text{ ten} + 2 \text{ tens} + 3 \text{ tens} + 1 \text{ ten}$  (carry over)  
 $= 7 \text{ tens}$

Write 7 under tens' column.

**Ans.** 72

## Exercise

Add the following by regrouping.

$$\begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{1} \\
 8 \quad 6 \\
 + \quad 1 \quad 5 \\
 \hline
 101
 \end{array}$$

$$\begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{1} \\
 4 \quad 7 \\
 + \quad 4 \quad 5 \\
 \hline
 9 \quad 2
 \end{array}$$

$$\begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{1} \\
 3 \quad 5 \\
 + \quad 4 \quad 6 \\
 \hline
 8 \quad 1
 \end{array}$$

$$\begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{1} \\
 7 \quad 5 \\
 + \quad 1 \quad 5 \\
 \hline
 90
 \end{array}$$

$$\begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{1} \\
 7 \quad 5 \\
 + \quad 1 \quad 6 \\
 \hline
 91
 \end{array}$$

$$\begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{1} \\
 5 \quad 7 \\
 + \quad 1 \quad 3 \\
 \hline
 70
 \end{array}$$

$$\begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{1} \\
 3 \quad 9 \\
 + \quad 2 \quad 7 \\
 \hline
 66
 \end{array}$$

$$\begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{1} \\
 5 \quad 8 \\
 + \quad 1 \quad 8 \\
 \hline
 76
 \end{array}$$

$$\begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{1} \\
 5 \quad 5 \\
 + \quad 0 \quad 7 \\
 \hline
 62
 \end{array}$$

$$\begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{1} \\
 1 \quad 9 \\
 + \quad 1 \quad 7 \\
 \hline
 36
 \end{array}$$

$$\begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{1} \\
 4 \quad 3 \\
 1 \quad 4 \\
 + \quad 2 \quad 3 \\
 \hline
 80
 \end{array}$$

$$\begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{1} \\
 2 \quad 3 \\
 3 \quad 5 \\
 + \quad 3 \quad 6 \\
 \hline
 94
 \end{array}$$

$$\begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{1} \\
 1 \quad 4 \\
 4 \quad 5 \\
 + \quad 2 \quad 7 \\
 \hline
 86
 \end{array}$$

$$\begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{1} \\
 2 \quad 2 \\
 5 \quad 5 \\
 + \quad 1 \quad 4 \\
 \hline
 91
 \end{array}$$

$$\begin{array}{r}
 \text{T} \quad \text{O} \\
 \textcircled{1} \\
 3 \quad 8 \\
 1 \quad 4 \\
 + \quad 2 \quad 2 \\
 \hline
 79
 \end{array}$$