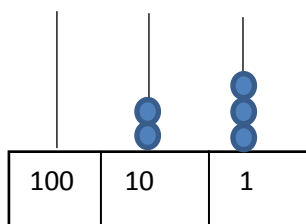
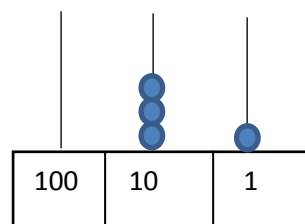


Unit :- Mathematical Operations on Whole Numbers (First week)

No. of Periods : 10

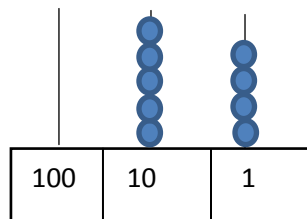


23



31

Let us illustrate all the counters in ones place and all the counters in tens place of each counting frames given above in another abacus frame as shown below.

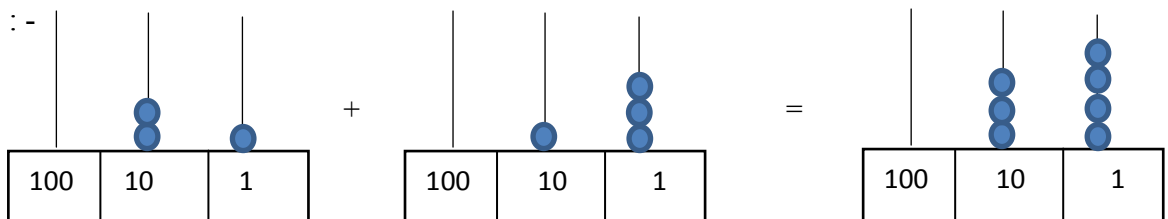


So, write the value of in $23 + 31$ in the empty cage.

$$23 + 31 = \boxed{}$$

Write the answer for the sum of the following numbers by representing in abacus.

Example :-



21

13

34

- 1) $52 + 13$
- 2) $41 + 32$
- 3) $24 + 23$

Study clearly the page numbers 22 and 23 in the text book.

Observe the page number 24 in the text book. Understand the steps to follow when finding the sum of two numbers.

Understand the following two examples clearly.

$$\begin{array}{r} 674 \\ + 289 \\ \hline 963 \\ \hline \end{array}$$

$$\begin{array}{r} 3452 \\ 2448 \\ + 1396 \\ \hline 7296 \\ \hline \end{array}$$

Correctly simplify the first question in exercise 3.1 which is in page number 25 in the text book.

When adding whole numbers, the digits in the ones place of the numbers are in one column, the digits in the tens place of the numbers in one column and the digits in the hundreds place of the numbers in one column such that write and add.

- Fill the empty cages.

$$\begin{array}{rcl} 437 & + & 321 = \boxed{} \\ 212 & + & 324 = \boxed{} \\ \boxed{} & + & \boxed{} = \boxed{} \end{array}$$

Answer the remaining questions in exercise 3.1 in the text book.

Study the steps of following example clearly, about subtracting a smaller whole number from a given whole number.

Let us subtract 1 874 from 8763.

Step 1

$$\begin{array}{r} 513 \\ 87\cancel{6}3 \\ - 1874 \\ \hline 9 \\ \hline \end{array}$$

Step 2

$$\begin{array}{r} 61513 \\ 87\cancel{6}3 \\ - 1874 \\ \hline 89 \\ \hline \end{array}$$

Step 3

$$\begin{array}{r} 161513 \\ 87\cancel{6}3 \\ - 1874 \\ \hline 889 \\ \hline \end{array}$$

Step 4

$$\begin{array}{r} 7161513 \\ 87\cancel{6}3 \\ - 1874 \\ \hline 6889 \\ \hline \end{array}$$

Study clearly the page numbers 26 and 27 in the text book about subtracting a smaller whole number from a given whole number.

Complete the Exercise 3.2 in page numbers 29 and 30 in the text book.