

Addition without Carrying Over



Tony has 3 purses each containing 100 beads.

Sonu has 5 such purses. How many purses altogether ? **8** purses.

How many beads altogether in the purses with Tony and Sonu ? **800** beads.

◆ If Tony has 2 hundred-rupee notes, 1 ten-rupee note and 5 one-rupee coins and Sonu has 1 hundred-rupee note, 3 ten-rupee notes and 2 one-rupee coins, how many hundred-rupee notes do they have altogether ? How many ten-rupee notes and how many 1 rupee coins do they have altogether ?

◆ Observe the examples based on the pictures. Complete them by adding units to units, tens to tens and hundreds to hundreds.



$$\begin{array}{r} 1\text{H} \quad 2\text{T} \quad 1\text{U} \\ + 2\text{H} \quad 1\text{T} \quad 3\text{U} \end{array}$$

H	T	U
1	2	1
+ 2	+ 1	+ 3

◆ Look at the pictures and write the numbers. Add the numbers.



+

	H		T		U
	H		T		U
	H		T		U

H	T	U

◆ Carry out and observe the following additions.

$$\begin{array}{r} 54 \\ + 20 \\ \hline 74 \end{array}$$

$$\begin{array}{r} 20 \\ + 54 \\ \hline 74 \end{array}$$

$$\begin{array}{r} 70 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 70 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ + 75 \\ \hline \end{array}$$

Even when the order of the numbers is changed, they add up to the same number.

◆ Add.

✿ 376 + 2

H	T	U
3	7	6
+		2
3	7	8

✿ 403 + 64

✿ 125 + 144

✿ 513 + 365

✿ 142 + 6

✿ 205 + 4

✿ 540 + 35

✿ 20 + 436

◆ Arrange vertically and add.

✿ 664 + 220

✿ 421 + 351

✿ 713 + 205

✿ 122 + 324

✿ 207 + 102

✿ 270 + 312

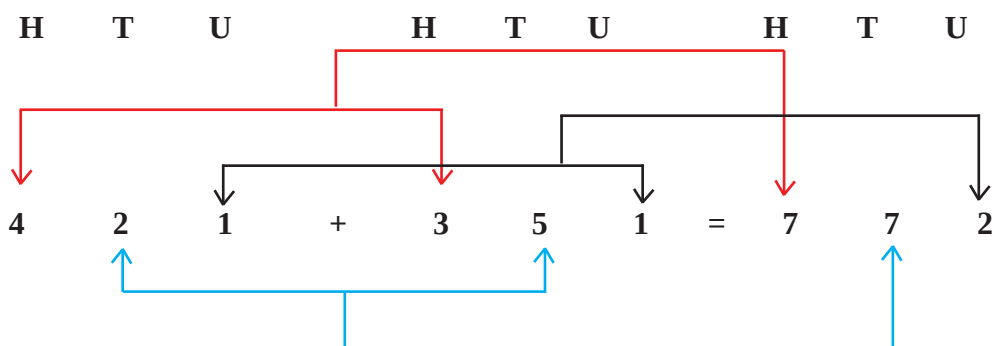
✿ 450 + 230

✿ 541 + 320

✿ 400 + 300

✿ 22 + 342

◆ Study the following addition carried out in the horizontal arrangement.



◆ Add in horizontal arrangement. ✿ 527 + 261 ✿ 623 + 215 ✿ 203 + 302



Addition of three numbers

◆ Add.

Maya bought an eraser for 2 rupees, a pencil for 3 rupees and some coloured chalks for 4 rupees. How much should she pay the shopkeeper altogether ?

$$2 + 3 = 5$$

₹ 2 for the eraser and ₹ 3 for the pencil together make ₹ 5. When we add the ₹ 4 for the chalks to these ₹ 5, we will get ₹ 9.

Thus, ₹ 2 + ₹ 3 + ₹ 4 = ₹ 9. So, Maya should give the shopkeeper 9 rupees.

U	
2	
+ 3	2 and 3 make 5.
+ 4	5 and 4 make 9.
9	

- ◆ In the cupboard, there are 3 song books, 21 story-books and 14 picture books. How many books are there in the cupboard altogether ?

$$21 + 14 + 3 = 38$$

There are 38 books in the cupboard.

T	U
2	1
+	4
+	3
3	8

◆ Add.

T	U
2	5
+	3
+	0
3	2



T	U
2	1
+	1
+	5
1	2



T	U
5	0
+	2
+	3



T	U
2	5
+	1
+	2
	1

❖ 453 + 104 + 112

H	T	U
4	5	3
+	1	0
+	1	1
		2

❖ 105 + 3 + 20

❖ 202 + 34 + 11

❖ 200 + 10 + 1

❖ 352 + 313 + 21

❖ 303 + 444 + 122

❖ 143 + 2 + 2

❖ 451 + 224 + 112

❖ 5 + 12 + 372

❖ 3 + 42 + 233

❖ 104 + 2 + 3

❖ 400 + 40 + 4