

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} \text{H} \quad \text{U} \\ \text{H} \quad \text{U} \\ \text{H} \quad \text{U} \\ \hline \text{H} \quad \text{U} \end{array} \quad \dots $	$ \begin{array}{r} 1\text{H} \quad 2\text{T} \quad 1\text{U} \\ + \quad 2\text{H} \quad 1\text{T} \quad 3\text{U} \\ \hline \end{array} $
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$ \begin{array}{r} \text{H} \quad \text{T} \quad \text{U} \\ 1 \quad 2 \quad 1 \\ + \quad 2 \quad 1 \quad 3 \\ \hline \end{array} $
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- ◆ Look at the pictures and write the numbers. Add the numbers.

	$ \begin{array}{r} \text{H} \quad \text{U} \\ \text{H} \quad \text{U} \\ \text{H} \quad \text{U} \\ \text{H} \quad \text{U} \\ \hline \text{H} \quad \text{U} \end{array} \quad \dots $	$ \begin{array}{r} \text{H} \quad \text{T} \quad \text{U} \\ \hline \text{H} \quad \text{T} \quad \text{U} \end{array} $
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$ \begin{array}{r} \text{H} \quad \text{T} \quad \text{U} \\ \hline \text{H} \quad \text{T} \quad \text{U} \end{array} $

◆ 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

◆ 270 + 312

◆ 421 + 351

◆ 450 + 230

◆ 713 + 205

◆ 541 + 320

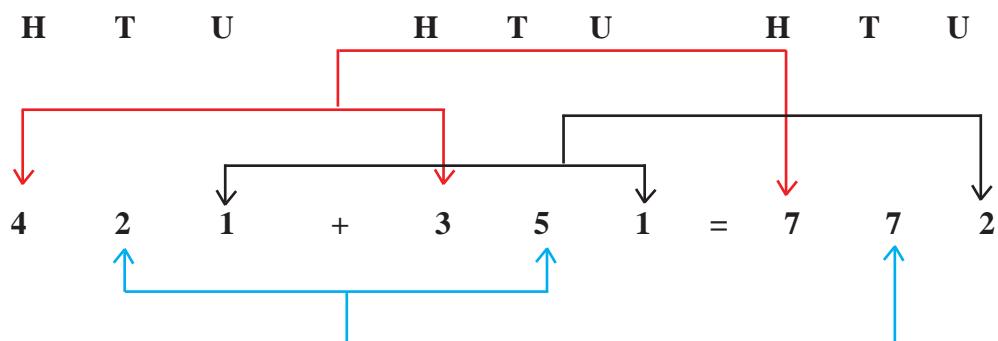
◆ 122 + 324

◆ 400 + 300

◆ 207 + 102

◆ 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	2 and 3 make 5.
+	3
+	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
+	1
+	3
	3
	8

◆ Add.

◆

T	U
2	5
+	3
+	3
	0
	2

◆

T	U
2	1
+	1
+	1
	5
	2

◆

T	U
5	0
+	2
+	3
	2
	3

◆

T	U
2	5
+	1
+	1
	2
	1

◆ $453 + 104 + 112$

◆ $105 + 3 + 20$

◆ $202 + 34 + 11$

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

◆ $200 + 10 + 1$

◆ $143 + 2 + 2$

◆ $3 + 42 + 233$

◆ $352 + 313 + 21$

◆ $451 + 224 + 112$

◆ $104 + 2 + 3$

◆ $303 + 444 + 122$

◆ $5 + 12 + 372$

◆ $400 + 40 + 4$