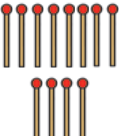
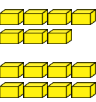


A special way to add by carrying over

8 sticks and 4 make 12 sticks. Let us tie 10 of them in a bundle to make one ten.

Tens	Units
	
	

Adding 7 and 8 units make 15 units. Let us make a bundle of 10.

Tens	Units
	
	

Remember : We cannot put a number bigger than nine in the units place. That is why we make a bundle of ten and move it into the tens place. Units are single items.

Use sticks or beads or dots to carry out the following additions and write the answers.

T	U
	9
+	6

T	U
	6
+	5

T	U
	7
+	4

T	U
	6
+	6

T	U
	4
+	9

 +  = 

10 + 14 = 24

The same addition can be written like this :

Tens	Units
1	0
+	1
	4
2	4

Carry out the following additions.

T	U
2	0
+	1
	6

T	U
1	7
+	3
	0

T	U
1	3
+	4
	0

T	U
1	5
+	5
	0



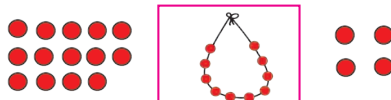
- Let us first add the units and write in the units place.

	Tens	Units
Number carried over	①	
	1	5
+		9
	2	①4



$$5 \text{ U} + 9 \text{ U} = 14 \text{ U}$$

Of these units, let's make a string of 10 and write the remaining 4 units in the units place.



$$14 \text{ U} = 1 \text{ T} \quad 4 \text{ U}$$

- We make a new ten with the 10 units and carry it over to the tens place.
- Now, $1 \text{ T} + 1 \text{ T} = 2 \text{ T}$. Thus we have two tens in the sum. We write those in the tens place.

	Tens	Units
Number carried over	1	
	2	3
+	1	7
	4	0

$$3 \text{ U} + 7 \text{ U} = 10 \text{ U}$$

$$10 \text{ U} = 1 \text{ T} \quad 0 \text{ U}$$

- The 1 T in this is carried over and written in the tens place. We write zero in the units place.
- The sum $4 \text{ T} + 0 \text{ U}$ means 40.

$$23 + 17 = 40$$

Tens	Units
1	4
+	2
3	13

$$4 \text{ U} + 9 \text{ U} = 13 \text{ U}$$

$$13 \text{ U} = 1 \text{ T} + 3 \text{ U}$$

$$2 + 1 + 1 \text{ tens make } 4 \text{ tens}$$

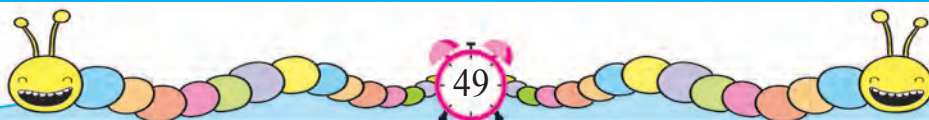
$$4 \text{ tens and } 3 \text{ units} = 43$$

$$14 + 29 = 43$$

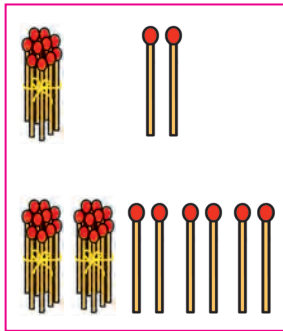
$$14 + 29 = 43$$

Tens	Units
Number carried over	①
1	4
+	2
4	①3

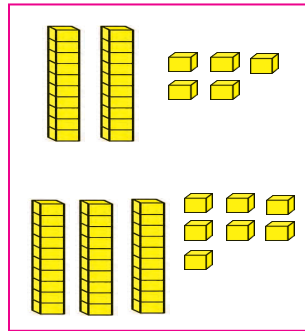
Remember : When adding numbers, first add the numbers in the units place.



- Look at the picture, make a problem of addition and solve it.



Tens	Units



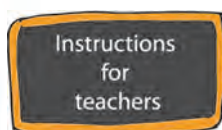
Tens	Units

- Add.

T	U	T	U	T	U	T	U	T	U	T	U
3	6	3	2	4	7	6	8	4	4	3	8
+		+		+		+		+		+	
2	5	2	8		5	2	2	4	8	1	4

T	U	T	U	T	U	T	U	T	U	T	U
7	1	2	5	3	5	4	2	2	7	4	4
+		+		+		+		+		+	
1	9	3	7	2	9	1	9	3	4	2	7

T	U	T	U	T	U	T	U	T	U
4	9	5	5	6	9	6	3	6	5
+		+		+		+		+	
	3		8		9	2	8	2	6



For these sums, the teacher should provide the students with materials like bundles of 10 sticks and single sticks, strings of ten beads and single beads and ten rupee notes and one rupee coins and conduct learning activities.

