

**CLASS : 2**  
**SESSION NO. : 4**  
**SUBJECT : MATHEMATICS**  
**TOPIC: CH-3 ADDITION**  
**SUB TOPIC: ADDITION BY REGROUPING OR CARRY OVER .**

---

**CHANGING YOUR TOMORROW**

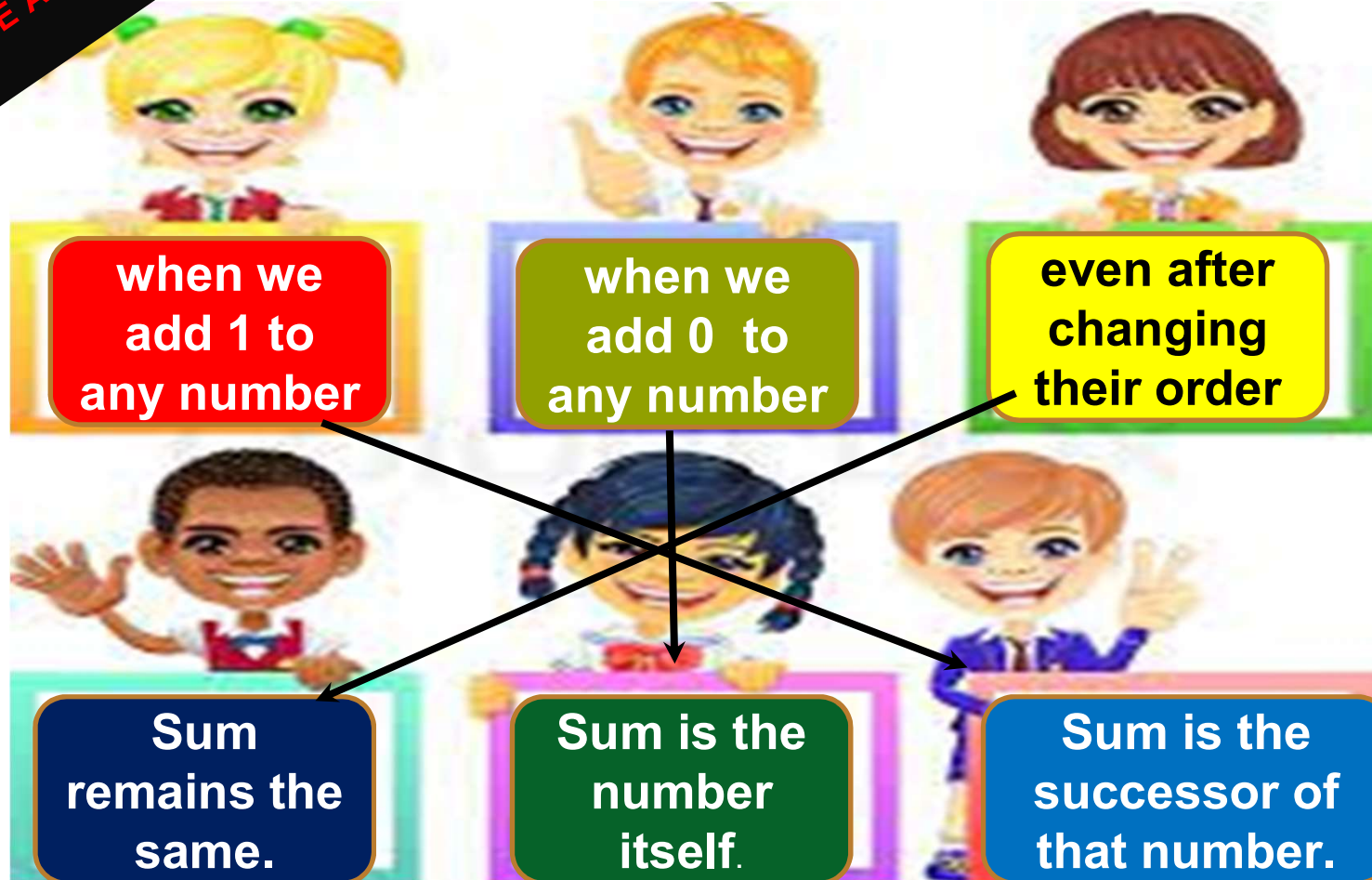
---

Website: [www.odmegroup.org](http://www.odmegroup.org)  
Email: [info@odmps.org](mailto:info@odmps.org)

Toll Free: **1800 120 2316**  
Sishu Vihar, Infocity Road, Patia, Bhubaneswar- 751024

**LET'S HAVE A QUICK  
RECAP**

## Match the following.



when we add 1 to any number

when we add 0 to any number

even after changing their order

Sum remains the same.

Sum is the number itself.

Sum is the successor of that number.

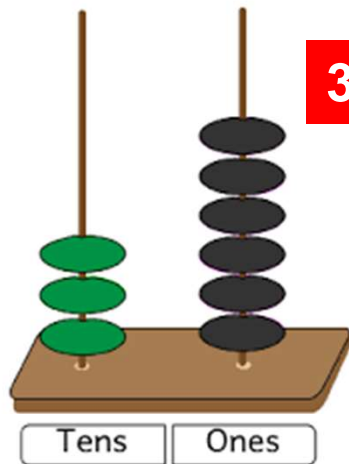
The diagram shows six cartoon children arranged in two rows. Each child is holding a colored box with text. Arrows connect the boxes to the children as follows: the red box (top left) points to the boy in the bottom left; the green box (top middle) points to the girl in the bottom middle; the yellow box (top right) points to the girl in the bottom right; the blue box (bottom left) points to the girl in the top left; the dark green box (bottom middle) points to the boy in the top middle; and the light blue box (bottom right) points to the girl in the top right.

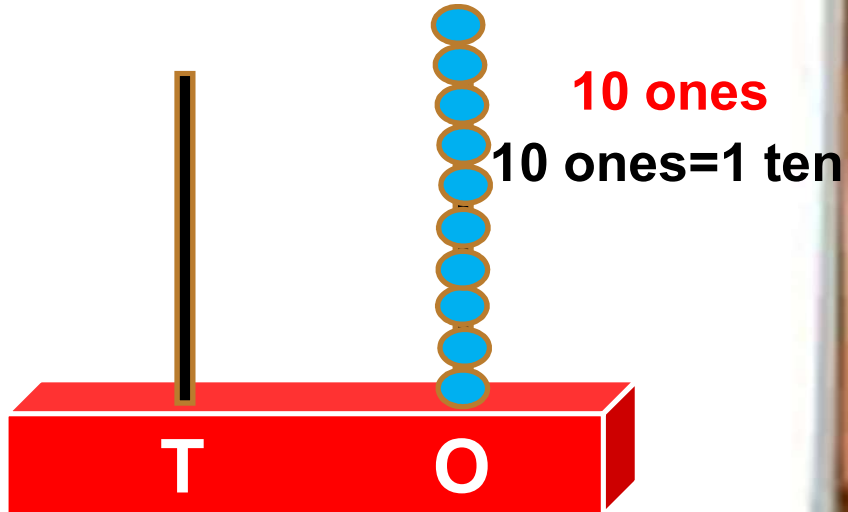
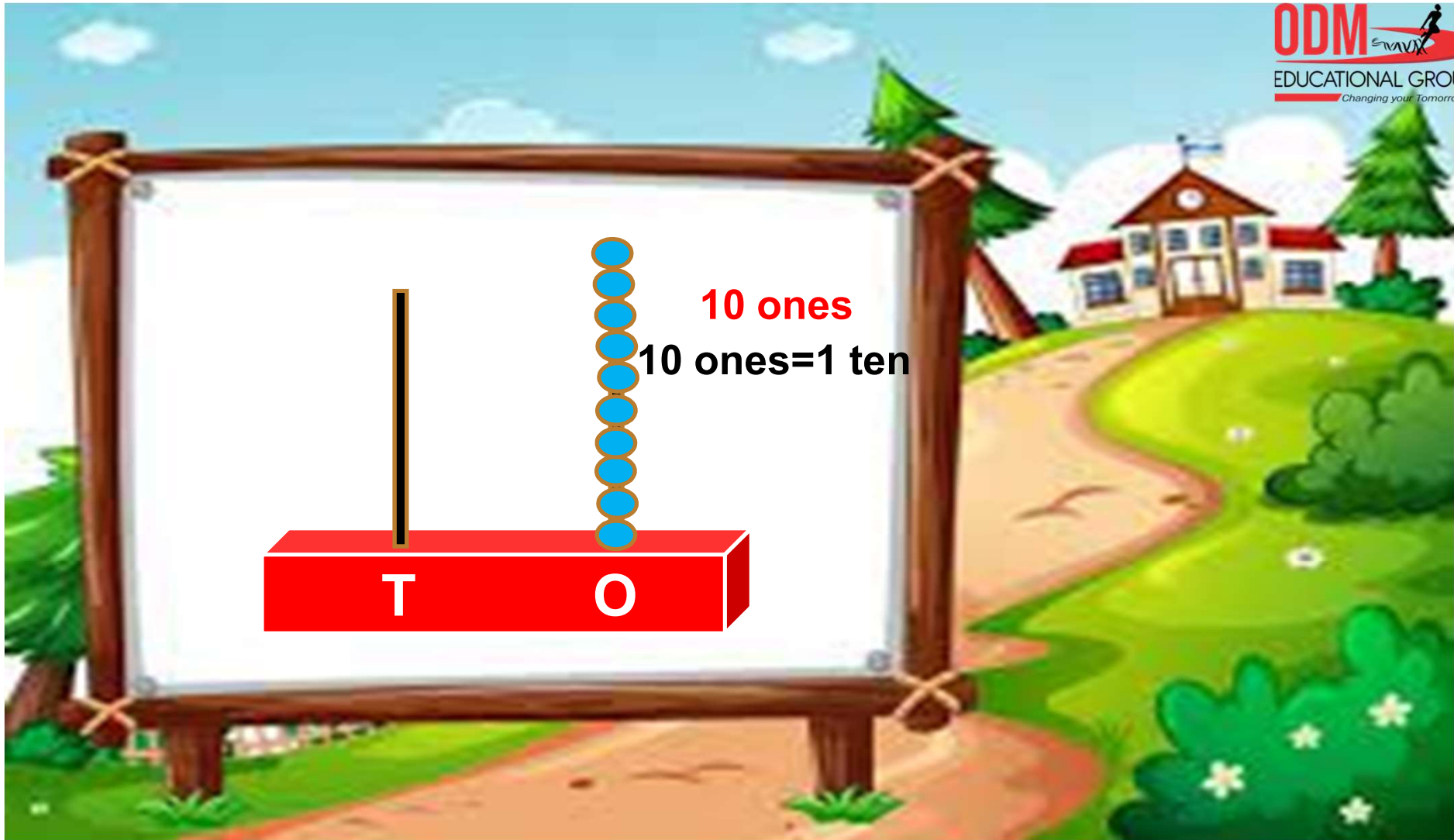


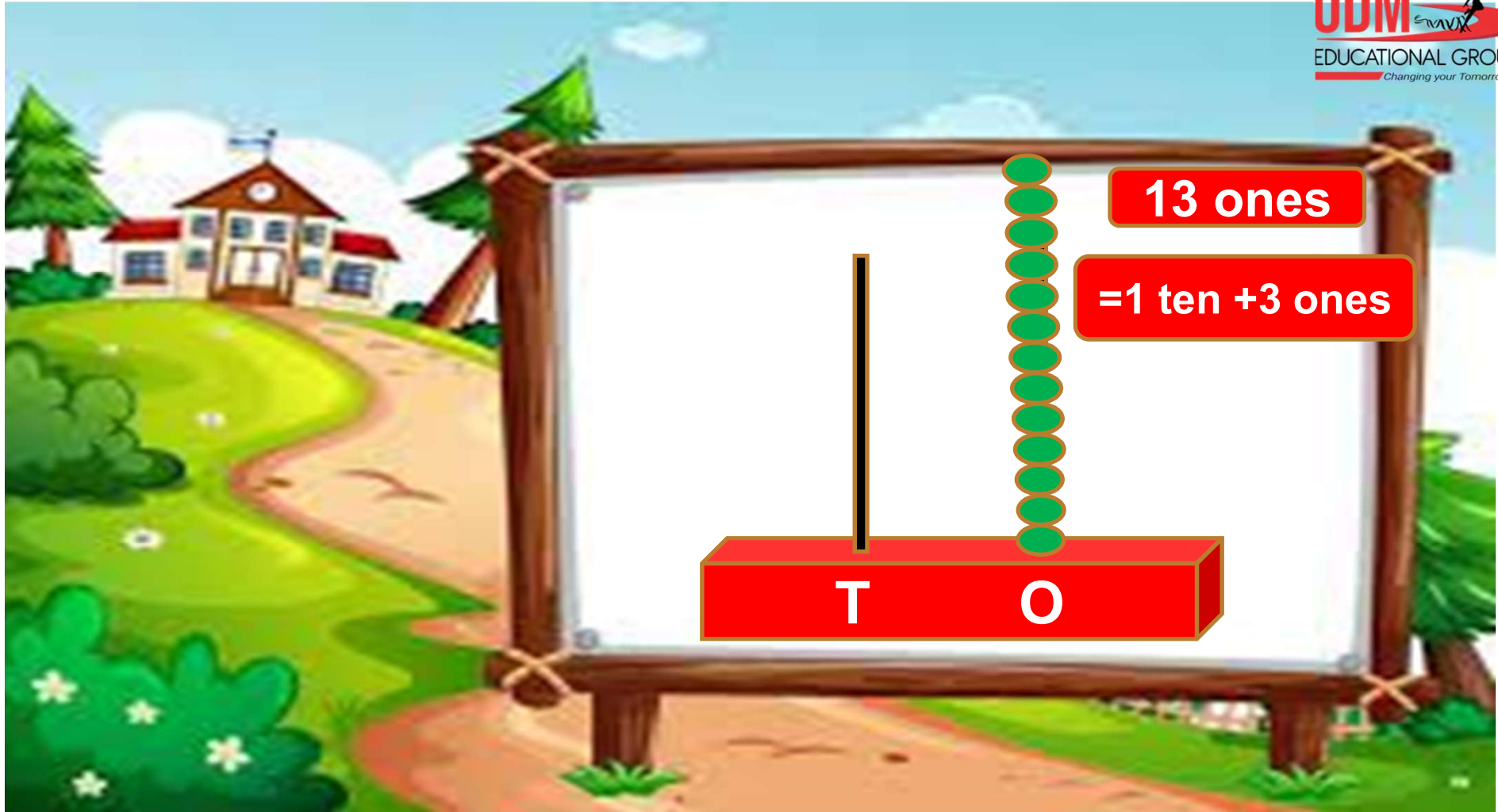
TODAY'S TOPIC

ADDITION BY REGROUPING OR  
CARRY OVER

**3 tens + 6 ones = 36**





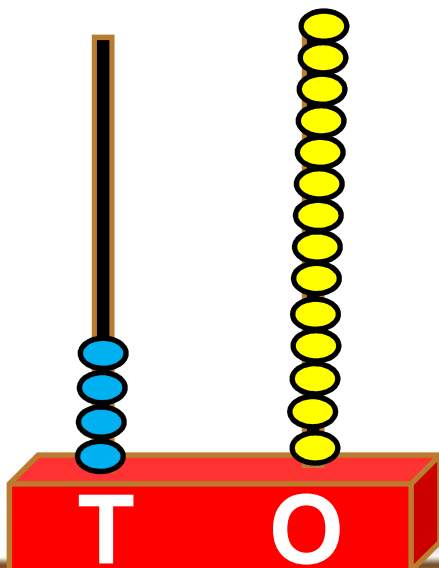


13 ones

= 1 ten + 3 ones

T O

**4 tens + 14 ones**



**14 ones = 10 ones + 4 ones**

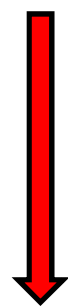
**1 ten + 4 ones**

**4 tens + 1 ten + 4 ones**

**= 5 tens + 4 ones**

**Regroup 4 tens and 11 ones**

**= 4 tens + 11 ones**



**10 ones + 1 one = 1 ten + 1 one**



**= 4 tens + 1 ten + 1 one**





**Add 23 and 38**

	T	O
	2	3
+	3	8
	6	

**$8+3=11$  ones**

**$=1$  ten +  $1$  one**

**$1+2+3=6$**

**11**

# Add 13, 24 and 35

	T	O
	1	3
	2	4
+	3	5
	7	

3 ones + 4 ones + 5 ones = 12 ones = 1 ten + 2 ones

CW

Add the following by regrouping.

	T	O
	8	6
	1	5
+		
	1	0
		1 1

	T	O
	4	7
	4	5
+		
	9	1
		2

**3**

	<b>T</b>	<b>O</b>
	<b>5</b>	<b>5</b>
<b>+</b>	<b>0</b>	<b>7</b>
	<b>6</b>	<b>1 2</b>

**4**

	<b>T</b>	<b>O</b>
	<b>4</b>	<b>3</b>
	<b>1</b>	<b>4</b>
<b>+</b>	<b>2</b>	<b>3</b>
	<b>8</b>	<b>10</b>

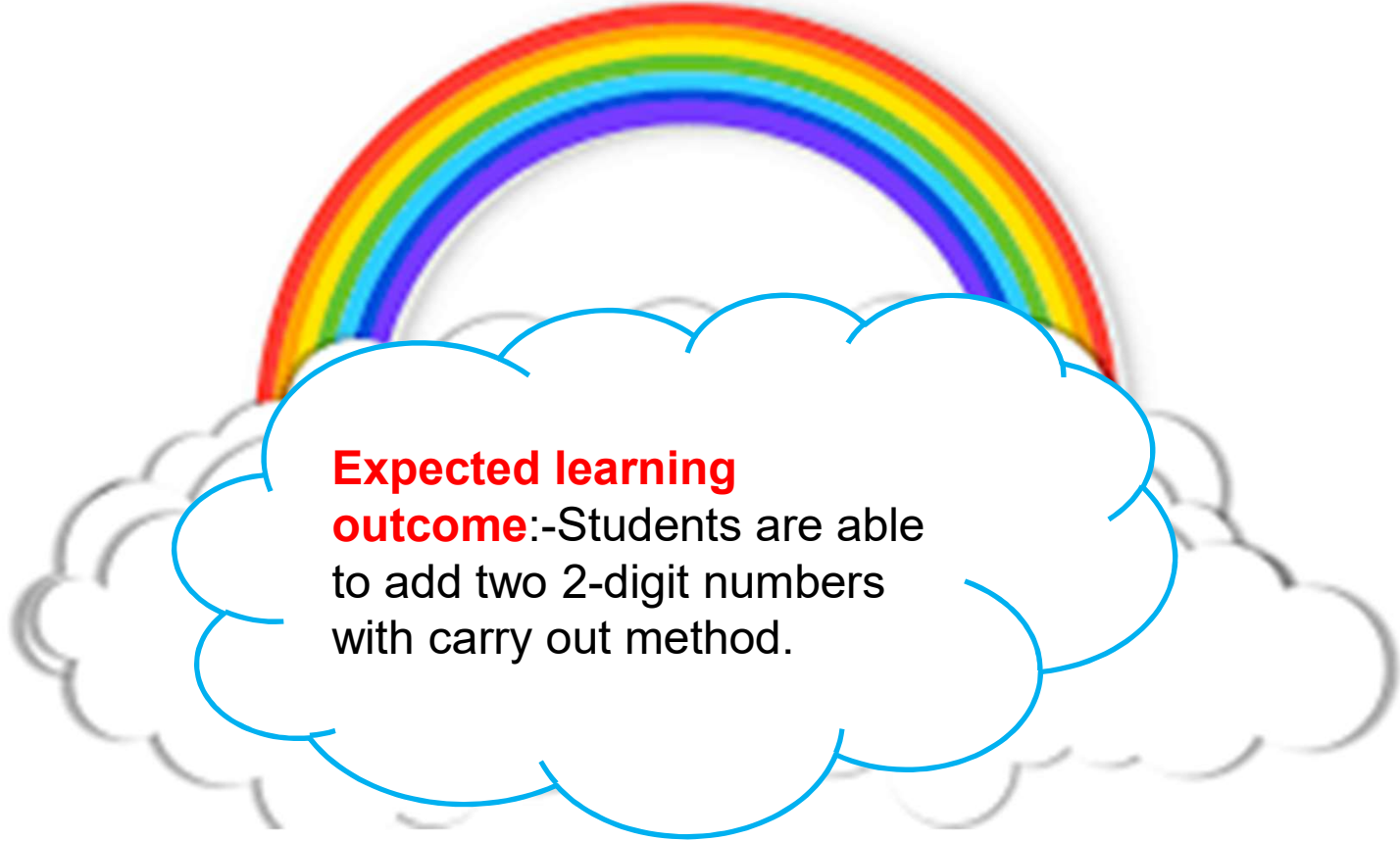
5.

	<b>T</b>	<b>O</b>
	<b>2</b>	<b>3</b>
	<b>3</b>	<b>5</b>
<b>+</b>	<b>3</b>	<b>6</b>
	<b>9</b>	<b>14</b>

6.

	<b>T</b>	<b>O</b>
	<b>1</b>	<b>4</b>
	<b>4</b>	<b>5</b>
<b>+</b>	<b>2</b>	<b>7</b>
	<b>8</b>	<b>16</b>

<b>SUB</b>	<b>HOME ASSIGNMENT</b>
<b>Mathematics</b>	<b>Practice book page-27 and 29 rest sums in book</b>



**Expected learning outcome:**-Students are able to add two 2-digit numbers with carry out method.

**THANKING YOU**  
**ODM EDUCATIONAL GROUP**