

**SESSION :8**

**CLASS : I**

**SUBJECT : MATHEMATICS**

**CHAPTER NUMBER: 9**

**CHAPTER NAME : MULTIPLICATION**

**SUBTOPIC :MULTIPLICATION: A 3-DIGIT NUMBER BY A  
1-DIGIT NUMBER (WITHOUT CARRY OVER)**

**EXERCISE BOOK PAGE- 85**

**CHANGING YOUR TOMORROW**

# LEARNING OBJECTIVE :



Enable the learner to multiply  
3-digit numbers by 1-digit numbers  
without carry over



# TODAY'S TOPIC

Multiplication: A 3-digit Number by a 1-digit Number  
(without carry over)  
Book page – 85



# MULTIPLICATION: A 2-DIGIT NUMBER BY A 1-DIGIT NUMBER

## LET'S RECAP

### 2-digit by 1-digit Multiplication

$$\begin{array}{r} 32 \\ \times 3 \\ \hline \end{array}$$

Two empty boxes are shown below the horizontal line for the product.

No  
regrouping/carry

$$\begin{array}{r} \text{●} 67 \\ \times 3 \\ \hline \end{array}$$

A yellow circle is placed above the 6 in the tens place. Two empty boxes are shown below the horizontal line for the product.

With  
regrouping/carry



# MULTIPLICATION: A 2-DIGIT NUMBER BY A 1-DIGIT NUMBER

LET'S RECAP

(with carry over)

1.

Multiplication

$$\begin{array}{r} 1 \\ 73 \\ \times 4 \\ \hline 292 \end{array}$$

2.

Multiplication

$$\begin{array}{r} 5 \\ 27 \\ \times 8 \\ \hline 216 \end{array}$$

3.

Multiplication

$$\begin{array}{r} 30 \\ \times 9 \\ \hline 270 \end{array}$$

4.

Multiplication

$$\begin{array}{r} 4 \\ 46 \\ \times 7 \\ \hline 32 \\ 2 \end{array}$$



**MULTIPLICATION : A 3-DIGIT NUMBER BY A 1-DIGIT NUMBER**

Example 1:

H	T	O
2	3	4
X		2
4	6	8

**Step 1 : Multiply the ones by 2.  $4 \times 2 = 8$** **Step 2 : Multiply the tens by 2.  $3 \times 2 = 6$** **Step 3 : Multiply the hundreds by 2.  $2 \times 2 = 4$** **So, 234 multiplied by 2 equals 468**

**MULTIPLICATION : A 3-DIGIT NUMBER BY A 1-DIGIT NUMBER**

Example 2:

H	T	O
1	0	2
X		3
3	0	6

**Step 1 : Multiply the ones by 3.  $2 \times 3 = 6$** **Step 2 : Multiply the tens by 3.  $0 \times 3 = 0$** **Step 3 : Multiply the hundreds by 3.  $1 \times 3 = 3$** **So, 102 multiplied by 3 equals 306**

C.W  
Date:

# TODAY'S CLASS WORK

H	T	O
3	2	4
x		2
<b>6 4 8</b>		

H	T	O
3	2	2
x		2
<b>6 4 4</b>		

H	T	O
4	1	3
x		2
<b>8 2 6</b>		





C.W  
Date:

# TODAY'S CLASS WORK

H	T	O
2	3	3
x		3
<b>6 9 9</b>		

H	T	O
2	1	2
x		4
<b>8 4 8</b>		

H	T	O
1	4	4
x		2
<b>2 8 8</b>		



C.W  
Date:

# TODAY'S CLASS WORK

H	T	O
1	0	1
x		5
<hr/>		
5	0	5

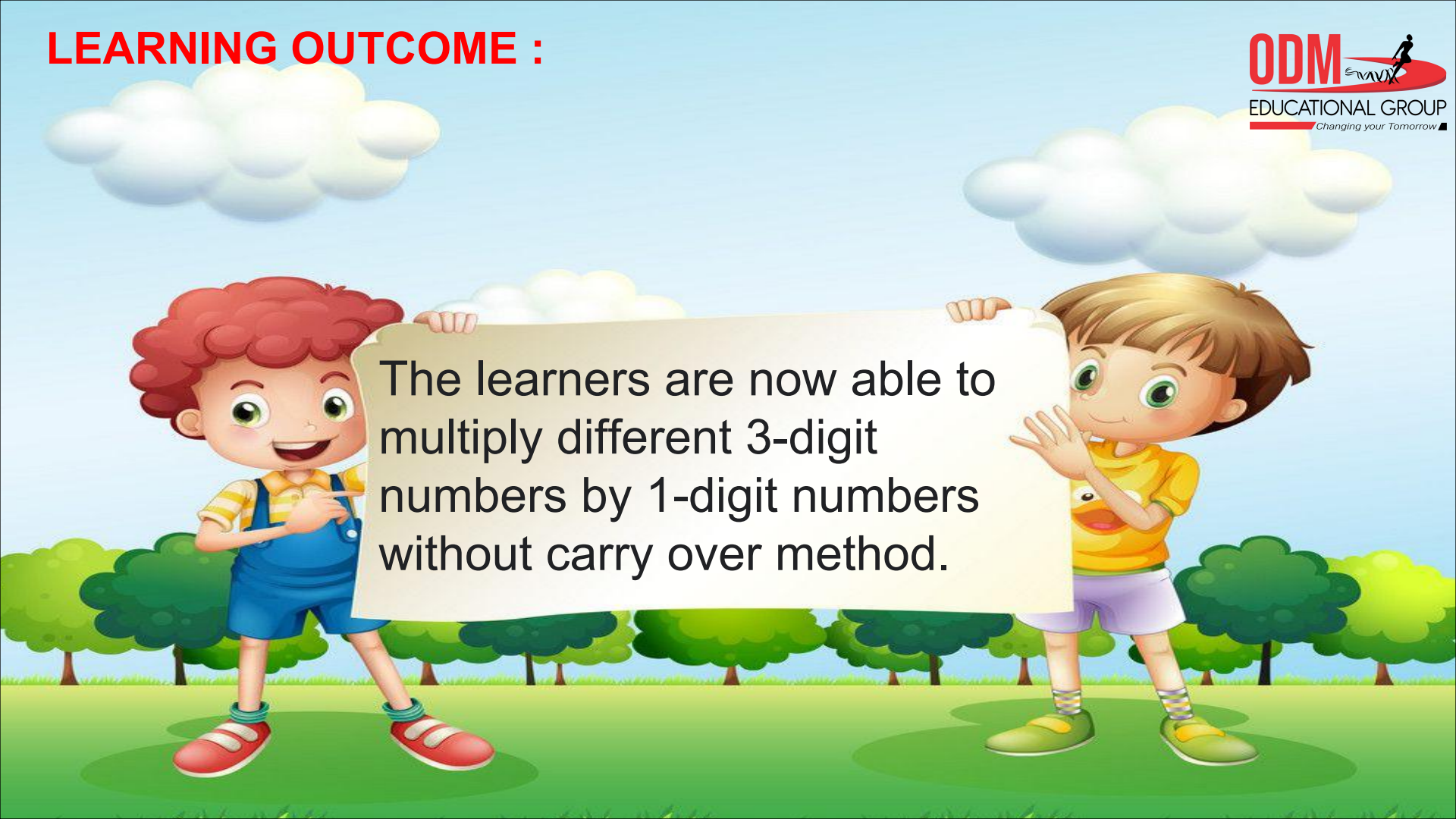
H	T	O
2	2	1
x		3
<hr/>		
6	6	3

H	T	O
1	3	3
x		3
<hr/>		
3	9	9



<b>SUB</b>	<b>HOME ASSIGNMENT</b>
<b>Mathematics</b>	<b>Practice Book Page - 85</b>

# LEARNING OUTCOME :



The learners are now able to multiply different 3-digit numbers by 1-digit numbers without carry over method.

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