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

TODAY'S TOPIC

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

LET'S RECAP

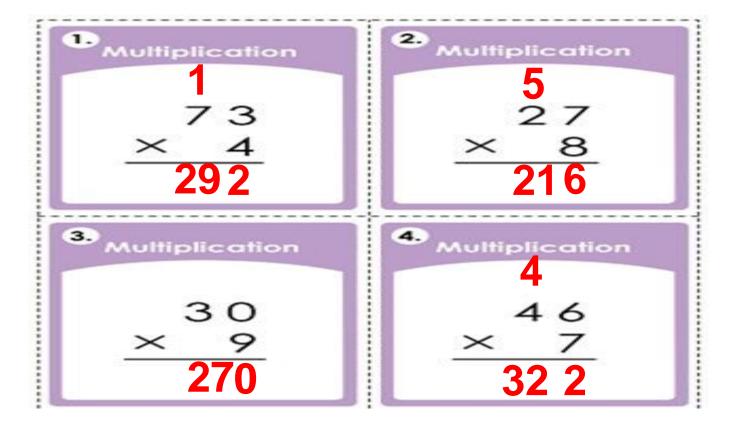# 2-digit by 1-digit Multiplication

$$32 \times 3$$

No regrouping/carry

$$67 \times 3$$

With regrouping/carry

MULTIPLICATION: A 2-DIGIT NUMBER BY A 1-DIGIT NUMBER
(with carry over)
LET'S RECAP

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1. Multiplication

$$
\begin{array}{r}
1 \\
7\ 3 \\
\times\quad 4 \\
\hline
29\ 2
\end{array}
$$

2. Multiplication

$$
\begin{array}{r}
5 \\
2\ 7 \\
\times\quad 8 \\
\hline
21\ 6
\end{array}
$$

3. Multiplication

$$
\begin{array}{r}
3\ 0 \\
\times\quad 9 \\
\hline
270
\end{array}
$$

4. Multiplication

$$
\begin{array}{r}
4 \\
4\ 6 \\
\times\quad 7 \\
\hline
32\ 2
\end{array}
$$

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

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Example 1:

H	T	O
2	3	4
X		2
4	**6**	**8**

Step 1 : Multiply the ones by 2.   4x2 = 8

Step 2 : Multiply the tens by 2.   3x2 = 6

Step 3 : Multiply the hundreds by 2.   2x2 = 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.   2x3=6

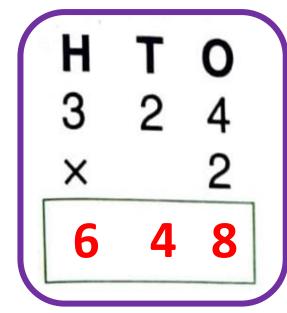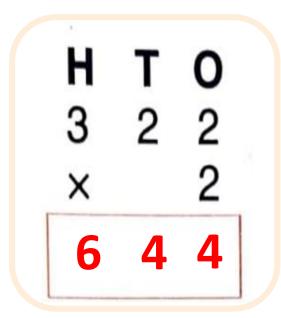**Step 2 : Multiply the tens by 3.   0x3=0**

Step 3 : Multiply the hundreds by 3.   1x3=3
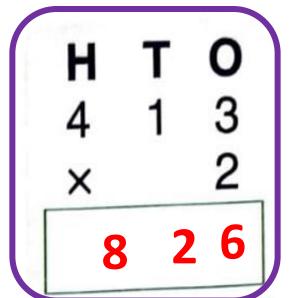
So, 102 multiplied by 3 equals 306

TODAY'S CLASS WORK

H	T	O
3	2	4
×		2
6	4	8

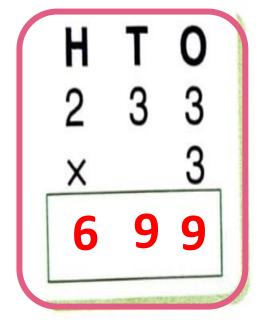| H	T	O
3	2	2
×		2
6	4	4

H	T	O
4	1	3
×		2
8	2	6

c.w
Date:

TODAY'S CLASS WORK

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H	T	O
2	3	3
×		3
6	9	9

H	T	O
2	1	2
×		4
8	4	8

H	T	O
1	4	4
×		2
2	8	8

H	T	O
1	0	1
×		5
5	**0**	**5**

H	T	O
2	2	1
×		3
6	**6**	**3**

SUB	HOME ASSIGNMENT
Mathematics	

LEARNING OUTCOME :

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

THANKING YOU
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