



TOPIC-MULTIPLICATION

NAME - _____ CLASS III/ SEC ____ DATE -01/12/2020 -04 /12/2020

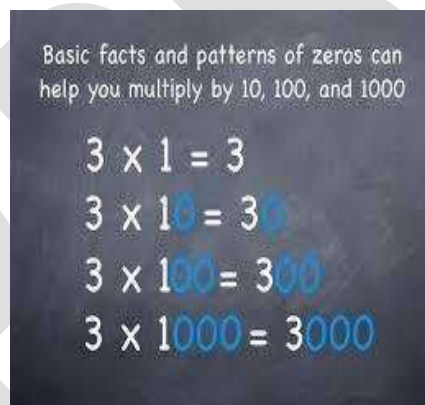
Learning outcomes: -

Each child will be able to-

- a) multiply the given numbers by 10 , 100 and 1000.
- b) multiply 3 or 4 digit numbers by 1 digit multiplier.

MULTIPLICATION BY 10, 100 AND 1000

Let us observe the given table:-



We observe ,

- To multiply a number by **10**, we place a **zero** to the right of the number.
Example- $17 \times 10 = 170$ or 17 tens
 $245 \times 10 = 2450$ or 245 tens
- To multiply a number by **100**, we place **two zeroes** to the right of the number.
Example- $33 \times 100 = 3300$ or 33 hundreds
 $901 \times 100 = 90100$ or 901 hundreds
- To multiply a number by **1000**, we place **three zeroes** to the right of the number.
Example- $7 \times 1000 = 7000$ or 7 thousands
 $68 \times 1000 = 68000$ or 68 thousands

Let us solve the following : (To be done in the classwork notebook)

Q1. Write the answers in the boxes.

- a) $4 \times 1000 =$ b) $90 \times 100 =$ c) $63 \times 100 =$
d) $740 \times 10 =$ e) $400 \times 10 =$ f) $73 \times 100 =$
g) $12 \times 100 =$ h) $5 \times 1000 =$ i) $303 \times 10 =$

KEYWORDS:-

Multiplicand, Multiplier, Product.

Parts of multiplication can be understood as given below:-

Parts of Multiplication	
$\begin{array}{r} 15 \\ \times 2 \\ \hline 30 \end{array}$	<p>multiplicand multiplier product</p>

MULTIPLICATION BY 1- DIGIT NUMBER

$$\begin{array}{r} 3 \\ 325 \\ \times 6 \\ \hline 1950 \end{array}$$

STEPS:-

- Multiply the digits at ones place. ($6 \times 5 = 30$ tens)
(0 will remain at ones place, 3 will be carried over to the tens place)
- Multiply the digits at the tens place ($6 \times 2 = 12$ tens)
($12 + 3$ carried over = 15 tens, 5 will remain at tens place and 1 will be carried over to the hundreds place).
- Multiply the digits at the hundred place. ($6 \times 3 = 18$ hundreds)
($18 + 1$ carried over = 19 hundreds or 1 thousand + 9 hundred)

Product = **1950**

Q2. Find the product:-

a) 349×6

d) 2938×5

b) 702×9

e) 4572×7

c) 3465×8

f) 6231×4

ACTIVITY TIME

Draw multiplication flowers.



1. Start with the centre of the flower and write any number 1–9 in the centre.
2. Draw 12 petals around the centre, labelling them 1–12.
3. Draw another 12 petals and write the product of the number in the centre and the petal adjacent to the new petal.