

## Place value in 3-digit number

Look at the number - 235

	H T O	
The number is	2 3 5	Place value
	└─┬─┬─┘	One's place = 1
	└─┬─┘	Ten's place = 10
	└─┘	Hundred's place = 100

The number '5' is falling at one's place  
So, the place value of 5 is  $5 \times 1 = 5$

The number '3' is falling at ten's place  
So, the place value of 3 is  $3 \times 10 = 30$

The number '2' is falling at hundred's place  
So, the place value of '2' is  $2 \times 100 = 200$

★ Remember! The place value of zero is always zero.

1. What is the place value of these digits.

Eg. - 5 in 156 = 50

(i) 4 in 400

iv) 6 in 416

ii) 6 in 268

v.) 1 in 715

iii) 0 in 250

vi) 2 in 372

2 Multiply: (using the tables).

$$\begin{array}{r} \text{Eg} \quad 5 \\ \times 6 \\ \hline 30 \end{array}$$

$$\begin{array}{l} \text{(i)} \quad 2 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{l} \text{(ii)} \quad 8 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{l} \text{(iii)} \quad 7 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{l} \text{(iv)} \quad 6 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{l} \text{(v)} \quad 2 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{l} \text{(vi)} \quad 4 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{l} \text{(vii)} \quad 9 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{l} \text{(viii)} \quad 9 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{l} \text{(ix)} \quad 6 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{l} \text{(x)} \quad 2 \\ \times 7 \\ \hline \end{array}$$

3: Word problems:

Eg. A Shop Keeper has 8 rows of shoes with 5 shoes in each row. How many shoes does he have?

Solve:- Number of shoes in each row = 5  
 Number of rows = 8  
 So, number of shoes =  $8 \times 5$   
 = 40 shoes.

- (i) Ravi solves 12 sums in 1 hour. How many sums does he solve in 3 hours?
- (ii) A month has 4 weeks. How many weeks are there in 12 months?
- (iii) A fruit seller has 9 rows of oranges with 10 oranges in each row. How many oranges does he have?
- (iv) How much will 10 cakes cost if each cake cost ₹ 9?
- (v) Ram has 20 packets of 5 toffees each. How many toffees does he have in all?

4. Learn and write the table from 12 to 15.