How to Solve: Units' Digit of Product of Numbers
By **BrushMyQuant**

YouTube Video Link to this Post is [Here](#)

Following is Covered in this post

Theory of Units' Digit of Product of Numbers

> ☞ **Find Units' digit of 23 * 34 ?**
> ☞ **Find Units' digit of 236 * 347 * 12468 ?**
> ☞ **Find Units' digit of 2248 * 285 * 980459 ?**
> ☞ **Find Units' digit of 480 * 285745644 * 980459 * 3213123 ?**

Theory of Units' Digit of Product of Numbers

● To determine the units' digit of a product of numbers, extract the units' digit of each number, multiply them together, and repeat this process until you obtain the units' digit of the final result.

Q1. Find Units' digit of 23 * 34 ?

Sol: We will take the units' digit of each number and multiply them together
Units' digit of 23 = 3 and Units' digit of 34 is 4
=> 3 * 4 = 12
=> Units' digit of 23 * 34 = 2

Q2. Find Units' digit of 236 * 347 * 12468 ?

Sol: 6 * 7 * 8 = 42 * 8 = ... 6
=> Units' digit of 236 * 347 * 12468 = 6

Q3. Find Units' digit of 2248 * 285 * 980459 ?

Sol: 8 * 5 * 9 = 40 * 9 = ...0
=> Units' digit of 2248 * 285 * 980459 = 0

Q4. Find Units' digit of 480 * 285745644 * 980459 * 3213123 ?

Sol: 0 * .....
Whenever we have 0 multiplied by any number then units' digit will always be 0
=> Units' digit of 480 * 285745644 * 980459 * 3213123 = 0

MASTER Units' Digit of Exponents by going through this post.

Hope it helps!