# Finding the Value of Any Number Raised to Power 0 

Shweta Sharma<br>New Delhi, INDIA<br>Occupation-Student


#### Abstract

All humans are based on mathematical formula that's why one medicine applied to one difficult puzzle solves it.


## I. INTRODUCTION

In this we are trying to define the yet unknown any number raised to power zero.

Ease of use
Here, I have calculated it for two numbers .I don't know what you have considered in log tables.

I think my preposition is correct.
a is any numberwhere $\mathrm{g}, \mathrm{m}, \mathrm{n}$ are also numbers
formula $\mathrm{g}^{\mathrm{m}} \times \mathrm{g}^{\mathrm{n}}=\mathrm{g}^{\mathrm{m}+\mathrm{n}}$
$a^{0}=a^{0+0+0}$
$\left(a^{0}\right) \cdot\left(a^{0}\right) \cdot\left(a^{0}\right)=a^{0+0+0}$
$\left(\mathrm{a}^{0}\right)^{3}=\mathrm{a}^{0}$
It is not 1 how can number generate same value for different powers here they are 3 and 1. It can only be true for $a^{0}=1$

It can never be true for any other number
It can be calculated cause for each number it will give a different value.

Example1
$10^{0}=\mathrm{x}$
Integrate both sides, we get
$10^{0+1}=x^{2} / 2$
$20=x^{2}$
$\mathrm{X}=2 \operatorname{root} 5$
Example2
$2^{0}=y$
Integrate
$2=y^{2} / 2$
$4=y^{2}$
$2=y$

## II. CONCLUSION

One number raised to a power always gives different result when it is raised to another power. So why 0 be different .it also gives different result each time.

## REFERENCES

[1.] Book introduction to real analysis fourth edition by Robert G. Bartle and Donald R. Sherbert
[2.] Book higher engineering mathematics by B V Ramana
[3.] Book higher engineering mathematics by B S Grewal
[4.] Information from eddie woo online classes
[5.] NCERT BOOKS of classes 6 to 12
[6.] I studied them by heart they are knowledge Which is the curriculum of Central board of secondary education in Delhi and other parts of India.

