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Numbers, Variables, Concept of log and Topology

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ABSTRACT: Relationship between Variables. Pure Mathematics Section. We Discuss Relationship Between Variables. There are Several Types Of Variables. We Discuss Relationship Between Numbers and Figures. There are Several Types of Numbers and Figures. Relationship Between Numbers and Figures. We Calculate Lines With The Help Of Circle. Exist Relationship Between Numbers and Variables. We Discuss Variables In Y this Paper. Variables Play an Important Role In Mathematics. There exist Several Types Of Variables. And Relationship Between Them. We Discuss Relationship between Numbers variables. We also discuss Several Types Of Variables and Relationship between Numbers.

Numbers Play Important Role in Mathematics. In Mathematics There is a Lots Of Use Of Numbers. Numbers and Variables Play an Important Role in Pure Mathematics. In Mathematics there is a Lots Of Use Of Formula.

Formulas Play an Important Role In Mathematics.

I. INTRODUCTION

We Discuss relationship Between Variables. There are Several Relationship Between Variables. Variables are not Fix. We Discuss Relationship Between Lines and Circle. We Generate Relationship Between Lines and Circles. Relationship is that $x.y.z=6$ always. We also Discuss Relationship Between log

1.Heading1.1

We also Discuss Relationship Between Variables and Numbers We Put Value 2,3,4,5,6,7,8,9.....

1.Heading1.2

We Discuss Relationship Between Circles and Variables. Variables are of Several Types. In this Paper. Numbers Play an Important Role IN Mathematics.

1.Subheading 1.2

We Also Discuss Relationship Between Equations and Numbers. We Solve Equations In This Paper.

1.Subheading1.2

Exist Relationship Between Numbers. Circle and Lines.

Draw three Lines

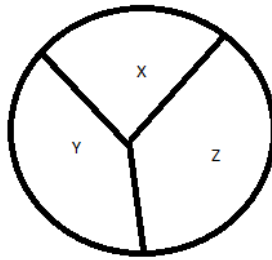


Image 1: Circle and Lines

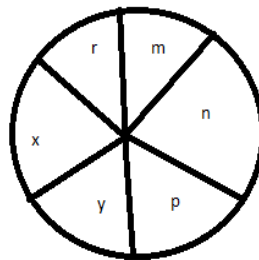


Image2: Circle and Lines

$X \cdot Y \cdot Z = 1 \cdot 2 \cdot 3 = 6$ General Relationship.

$$\frac{2+2+2+2+2+2}{2} = 8$$

$$\frac{x \cdot y}{x^2 + y} = \frac{a^2}{b} \text{ Where } a < b \text{ Always.}$$

Exist Relationship Between

Example1:

$$x^6 \cdot x^5 \cdot x^4$$

$$6.5 = 30$$

$$5.4 = 20$$

$$30 - 20 = 10$$

Which lie in addition of $5 + 4 + 1 = 10$



This Relationship is Certain.
There Exist No Other Relationship.

Example2:

$$x^5 \cdot x^4 \cdot x^3$$

$$5 \cdot 4 = 20$$

$$4 \cdot 3 = 12$$

$$20 - 12 = 8$$

Which lie Addition of the form of $4+3+1=8$

Exist Relationship Between Algebraic Expression:

Example1

$$\frac{x^2 + y^4}{x^6 + y^8}$$

$$8 \cdot 2 = 16$$

$$6 \cdot 4 = 24$$

$$24 - 16 = 8$$

Example2

$$\frac{x^4 + y^6}{x^8 + y^{10}}$$

$$10 \cdot 4 = 40$$

$$8 \cdot 6 = 48$$

$$48 - 40 = 8 \text{ Always}$$

Note: Power Of x be Even In Sequence

$$x^2, x^4, x^6, x^8, \dots$$

Experiment 1

$$x \cdot y \cdot z + x^2 + y^2 = 4 + 4 - 3 = 5$$

Which is Line Wise Relationship.

$$x \cdot y \cdot x \cdot x \cdot y \cdot y = 5$$

Concept Of log

$$\log 99999999999999 = 13$$

Exist Relationship

$$\sqrt{x^2 + y^2} + \sqrt{x^2 + y^2}$$

$$x^2 + y^2 = (\text{at } x=2, y=2) = 2 \cdot 2 + 2 \cdot 2 = 4 + 4 = 8$$

Which Give Us $x, x, x, x, y, y, y, y = 8$

$$x^{11} + y^{12} + z^{13} = 9.5$$

Proof:

$$11 \cdot 12 \cdot 13 = 1716 \dots \dots \dots (1)$$

$$(11+12+13)(11+12+13) = 609 \dots \dots \dots (2)$$

$$1716 - 609 = 1095$$

Taking 10 separate and 95

$$\text{Dividing } \frac{95}{10} = 9.5$$

REFERENCES

- [1] A., F., D., C.-u., & C.J., N. (Annales Acedemiae Scientiarum Fennicae Mathematica). THE MAXIMAL FUNCTIONON VARIABLES L^P SPACES. 28, 224-236.
- [2] Harshvardhan. (2023).Numbers Polynomials and Variables .AJOM, 1-7.
- [3] Sharma, D. (1985). Groups. In D. Sharma, ALGEBRA (FIRST EDITION ed., Vol. 1, pp. 1-426). N.D.118 , Tanda Road , Jalandhar: Sharma Publications.
- [4] Sharma, D. (2017). REAL ANALYSIS (FIRST EDITION ed., Vol. 1). N.D. 118,Tanda Road,Jalandhar: Sharma Publications.



- [5] Arnold, V. I. (1957-1965). Representations of functions celestial mechanics and KAM theory. : Springer.
- [6] Jain, T. (2018-2019). Principals of Microeconomics First Year (Vol. 1). Ambala: VK Global PublicationsPvt.Ltd.
- [7] Purohit, D. G. (2020). CSIR-NET/JRF Mathematics (Vol. 1). Invincible Publisher.
- [8] Sharma, D. (1985). Differential Equations (Vol. First). Jalandhar: Sharma Publications.
- [9] Sharma, D. (2017). INTEGRAL CALCULUS (Vol. 1). Tanda Road, Jalandhar: SHARMA PUBLICATIONS.
- [10] Harshvardhan. (2023, August). Determinants and Nuclear Equations. IRJMETS, 4, 812-815.



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