

Here is your **FULL 3-MONTH (90-DAY) DAILY MATH ROADMAP**, starting literally from **Class-1 level** and taking you to **Intermediate level + Statistics + ML basics**.

This plan is **Paresh-friendly**, simple, gradual, and 100% achievable even if you start from “1+1”.

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MATH ROADMAP (DAY-WISE: 1 → 90)

Phase 1: CLASS 1–5 LEVEL (FOUNDATION)

📅 Days 1–30 (1 Month)

Goal: Become strong in basic arithmetic → numbers, addition, subtraction, multiplication, division.

WEEK 1 (Day 1–7) — Numbers + Addition Basics

Day 1:

- Counting numbers
- Place value (ones, tens, hundreds)
- Read/write numbers up to 999

Day 2:

- Even, odd numbers
- Number line basics
- Compare numbers (< > =)

Day 3:

- Simple addition (single digit)
- Carry addition introduction

Day 4:

- Double-digit addition
- Word problems (easy)

Day 5:

- Triple-digit addition
- More practice

Day 6:

- Speed addition tricks

Day 7:

- FULL REVISION + 20-question test
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WEEK 2 (Day 8–14) — Subtraction

Day 8:

- Single-digit subtraction

Day 9:

- Borrowing (with examples)

Day 10:

- Double and triple digit subtraction

Day 11:

- Subtraction word problems

Day 12:

- Speed subtraction tricks

Day 13:

- Mixed addition + subtraction

Day 14:

- WEEKLY TEST (30 questions)
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WEEK 3 (Day 15–21) — Multiplication

Day 15:

- Concept of repeated addition
- Multiplication table: 1–5

Day 16:

- Tables 6–10

Day 17:

- Multiply 2-digit × 1-digit

Day 18:

- Multiply 3-digit × 1-digit

Day 19:

- Multiply 2-digit × 2-digit

Day 20:

- Word problems

Day 21:

- TEST + Speed drills
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WEEK 4 (Day 22–30) — Division

Day 22:

- Concept of sharing
- 1-digit division

Day 23:

- Long division basics

Day 24:

- 2-digit division

Day 25:

- 3-digit division

Day 26:

- Remainder problems

Day 27:

- Multiplication & Division mix

Day 28:

- Practical questions (real life)

Day 29:

- Revision

Day 30:

- MONTHLY TEST (50 questions)
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Phase 2: CLASS 6–10 LEVEL (INTERMEDIATE)

Days 31–60 (Month 2)

Goal: Fractions, Decimals, Percentages, Algebra fundamentals.

WEEK 5 (Day 31–37) — Fractions

Day 31:

- What is a fraction
- Types (proper, improper, mixed)

Day 32:

- Convert mixed \leftrightarrow improper

Day 33:

- Compare fractions

Day 34:

- Addition of fractions

Day 35:

- Subtraction of fractions

Day 36:

- Multiplication & division of fractions

Day 37:

- Word problems + test
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WEEK 6 (Day 38–44) — Decimals

Day 38:

- Understanding decimals
- Place values

Day 39:

- Convert fraction \leftrightarrow decimal

Day 40:

- Addition/subtraction

Day 41:

- Multiplication

Day 42:

- Division

Day 43:

- Compare + round decimals

Day 44:

- Test (20 questions)
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WEEK 7 (Day 45–51) — Percentages

Day 45:

- What is %
- Convert % \leftrightarrow decimal \leftrightarrow fraction

Day 46:

- Find % of a number

Day 47:

- Increase / Decrease %

Day 48:

- Profit & Loss basics

Day 49:

- Discount, tax, real-life questions

Day 50:

- Applications in data

Day 51:

- Test
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WEEK 8 (Day 52–60) — Algebra Basics

Day 52:

- What is a variable
- Simple equations

Day 53:

- Solve 1-step equations

Day 54:

- Solve 2-step equations

Day 55:

- Solve equations with brackets

Day 56:

- Simple linear equations

Day 57:

- Coordinate plane basics

Day 58–59:

- Algebra practice

Day 60:

- Monthly Test (40-50 questions)
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Phase 3: Data Engineering + ML Math (Final 30 Days)

Days 61–90 (Month 3)

Goal: Statistics + Probability + ML Foundations (super friendly level).

WEEK 9 (Day 61–67) — Statistics Fundamentals

Day 61:

- Mean, Median, Mode

Day 62:

- Range, quartiles

Day 63:

- Variance

Day 64:

- Standard deviation

Day 65:

- Outliers (IQR method)

Day 66:

- Covariance

Day 67:

- Correlation
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WEEK 10 (Day 68–74) — Probability

Day 68:

- Probability basics

Day 69:

- Sample space, events

Day 70:

- Independent and dependent events

Day 71:

- Conditional probability

Day 72:

- Bayes theorem (simple level)

Day 73:

- Real-life examples

Day 74:

- Probability test
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WEEK 11 (Day 75–82) — ML Math Basics

Day 75:

- What is a function (simple)

Day 76:

- Linear functions

Day 77:

- Graph intuition

Day 78:

- Cost function intuition

Day 79:

- Gradient (very simple)

Day 80:

- Slope

Day 81:

- Linear regression basics

Day 82:

- ML Math Practice
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WEEK 12 (Day 83–90) — Applied Math for Data Engineering

Day 83:

- Logs (log base 10)

Day 84:

- Exponents

Day 85:

- Matrix basics

Day 86:

- Vectors basics

Day 87:

- Scalability math ($MB \rightarrow GB \rightarrow TB$)

Day 88:

- Data distributions

Day 89:

- Revision

Day 90:

- Final exam (60 questions)
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🎯 ** FINAL OUTCOME AFTER 3 MONTHS**

By Day 90, you will be strong in:

1. Arithmetic (Addition → Division)
2. Fractions, Decimals, Percentage
3. Algebra up to linear equations
4. Statistics for Data Engineering (Mean, SD, Correlation)
5. Probability basics
6. ML Math foundations (linear regression intuition)

You will reach Class 10+ level + Data Engineering Math + ML Basics.