

CBSE Class 10 Maths Unit-wise Weightage

Where the 80 theory marks sit – official CBSE Mathematics (041 & 241) curriculum, Class X, 2026-27.

100-mark scheme = 80-mark theory paper + 20 marks internal assessment

Unit	Marks	Share of paper
Algebra	20	25%
Geometry	15	18.75%
Trigonometry	12	15%
Statistics & Probability	11	13.75%
Mensuration	10	12.5%
Number Systems	6	7.5%
Coordinate Geometry	6	7.5%
Total (theory)	80	100%

Read it as three bands

Heavy (35 marks): Algebra 20 + Geometry 15 – almost 44% of the paper. These two deserve your deepest, most regular preparation.

Middle (33 marks): Trigonometry 12, Statistics & Probability 11, Mensuration 10 – steady practice keeps these ticking.

Small but bankable (12 marks): Number Systems 6 + Coordinate Geometry 6 – self-contained, scoring, quick to lock in early. Never skip them.

Weightage is by unit, not by chapter

CBSE assigns marks to **units only** – there is no official "Quadratic Equations = X marks". Chapter-level figures online are unofficial estimates. What you *can* use: the Algebra unit (20) holds Polynomials, Linear Equations, Quadratic Equations and APs; the Geometry unit (15) holds Triangles and Circles.

Key takeaways

- **35 of 80 marks** sit in just two units – Algebra and Geometry.
- Low-weight units are **reliable marks to bank**, not topics to skip.
- Official weightage is **unit-wise only** – ignore "chapter-wise marks" tables.
- **54% of the paper** tests remembering & understanding – clean recall of the big units pays twice.
- Aim for **coverage with emphasis**: prepare everything, go deepest where marks and your weak spots overlap.

Worked example — where do lost marks come back fastest?**MOCK RESULT**

Meera's mock test, scored unit by unit: Algebra **12/20**, Geometry **9/15**, Trigonometry **9/12**, Statistics & Probability **8/11**, Mensuration **7/10**, Number Systems **5/6**, Coordinate Geometry **4/6** — total **54/80**.

STEP 1

List the lost marks per unit: Algebra 8, Geometry 6, Trigonometry 3, Statistics & Probability 3, Mensuration 3, Number Systems 1, Coordinate Geometry 2 — **26 marks lost** in all ($54 + 26 = 80$ ✓).

STEP 2

Suppose revision recovers half the lost marks in each unit: +4 (Algebra), +3 (Geometry), +1.5, +1.5, +1.5, +0.5, +1 = **+13 marks** → **67/80**.

Of those 13 recoverable marks, **7 sit in Algebra and Geometry alone** — more than half her realistic gain lives in two units. That is the weightage table doing its job: the same revision effort returns more marks where more marks are at stake.

NOW TRY THIS ONE

Meera wants **65/80**. Fully securing both 6-mark units gives her +1 and +2, taking her to 57. How many more marks must come from the other five units? (Answer: $65 - 57 = 8$ marks — and the two heavy units are the widest room she has: $8 + 6 = 14$ marks still on the table there.)

THREE MISTAKES THIS TABLE PREVENTS

1. Skipping the small units. Number Systems + Coordinate Geometry are 12 reliable marks — banked early, they are never a worry. **2. Chasing "chapter-wise marks" tables.** CBSE assigns marks by unit only; chapter-level figures online are unofficial. **3. Revising by comfort, not by marks.** Re-doing a unit you have already mastered feels productive but returns almost nothing — revise where marks are still on the table.

Turn the weightage into your plan — free on examfront

- **Chapter 1 free** — start practising Real Numbers today, no payment needed.
- **Mistake identification** — see exactly which units are costing you marks, like Meera's table above.
- **Anytime tests** — practise any chapter whenever you are ready.
- **Weekly tests** — stay consistent across all seven units, not just the big two.
- **Mock tests before the exam** — full 80-mark papers under real conditions.

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