

Last-Minute Revision: Class 10 Maths in the Final 7 Days

What to revise, how to revise, and why rest is part of the plan — page 1 of 2

The last week is not for learning. It is for turning “**mostly know it**” into “**solid**”.

The seven days, shaped

Days	Focus	What you actually do
7 – 5	Targeted revision	Weak units first, then refresh strong ones. Solve from memory, do not re-read.
4 – 3	Sample papers	One or two full papers, timed, 3 hours each. Review every one properly.
2	Formulas	Write every formula from memory, then check the sheet. Fix only the gaps.
1	Light recall + rest	Formulas and methods only. Pack the bag. Sleep.

Reading time is free marks. CBSE gives you 15 minutes before the clock starts. Practise using it in your timed papers — scan all 38 questions and mark the ones you can bank first.

The paper you are revising for

Section	Questions	Marks each	Total
A	20	1	20
B	5	2	10
C	6	3	18
D	4	5	20
E	3	4	12
Total	38	—	80

Three hours for 80 marks is about **2.25 minutes a mark**, with no overall choice. Section A is 20 one-markers, so a formula you recall instantly outscores a method you rebuild slowly.

If you must choose, choose by unit

Unit	Marks	Unit	Marks
Algebra	20	Mensuration	10
Geometry	15	Number Systems	6
Trigonometry	12	Coordinate Geometry	6
Statistics & Probability	11	All seven units	80

These are the official numbers, per unit. CBSE does not publish weightage per chapter — the chapter percentage tables and pie charts online are unofficial estimates. The scope itself is closed: 7 units, 14 chapters of NCERT, Constructions removed. Nothing outside that book can be asked.

Key takeaways

- ▶ **Do not start new topics.** Revise fundamentals of a weak topic; do not learn it from scratch.
- ▶ **Active recall beats re-reading.** Write it from memory first, check second, fix the gap.
- ▶ **One or two papers, timed and reviewed.** Quality over quantity, every time.
- ▶ **43 of the 80 marks** test Remembering and Understanding. Securing those is the week's work.
- ▶ **Priority is by unit, not chapter.** Algebra 20 and Geometry 15 are 35 marks between them.
- ▶ **Sleep is strategy.** A tired brain gives back marks you already earned.

The plan, then one 5-mark question worked properly

Priya has 26 study hours left and three shaky units — page 2 of 2

STEP 1 — SPEND THE HOURS WHERE THE MARKS ARE

Priya is shaky on **Algebra, Geometry and Trigonometry**. Together those are $20 + 15 + 12 = 47$ of 80 marks, or **58.75%** of the paper. She has 12 hours of targeted revision in Days 7–5, split in proportion to the unit marks:

Day	Hours	What it goes on
Day 7	4	Algebra (5 h across Days 7–6) — the 20-mark unit, so the biggest slice
Day 6	4	Algebra finished, Geometry started (4 h total)
Day 5	4	Geometry finished, Trigonometry (3 h total)
Days 4 & 3	8	Two full sample papers, 3 h each, plus 1 h reviewing each one
Day 2	4	Every formula from memory; re-touch what the papers exposed
Day 1	2	Light recall only. Bag packed. Early night.
Total	26 h	$5 + 4 + 3 = 12$ hours of targeted revision, then practice, then rest

STEP 2 — A SECTION D QUESTION, THE WAY IT IS MARKED

A motorboat whose speed is 18 km/h in still water takes 1 hour more to go 24 km upstream than to return downstream to the same spot. Find the speed of the stream. (5 marks, Algebra)

- ▶ **Set up.** Let the stream speed be x km/h. Upstream speed is $18 - x$, downstream is $18 + x$.
- ▶ **Translate.** $24/(18 - x) - 24/(18 + x) = 1$
- ▶ **Simplify.** $24(18 + x) - 24(18 - x) = (18 - x)(18 + x)$, so $48x = 324 - x^2$.
- ▶ **Standard form and solve.** $x^2 + 48x - 324 = 0$, so $a = 1$, $b = 48$, $c = -324$. $D = b^2 - 4ac = 48^2 - 4(1)(-324) = 2304 + 1296 = 3600$, and $\sqrt{3600} = 60$. So $x = (-48 \pm 60)/2$, giving $x = 6$ or $x = -54$.
- ▶ **Reject and state.** A speed cannot be negative, so **the stream flows at 6 km/h**.

Check: upstream $24/12 = 2$ hours, downstream $24/24 = 1$ hour. The difference is exactly 1 hour, as the question said.

STEP 3 — WHERE THOSE 5 MARKS SIT, AND HOW THEY GO MISSING

Indicatively: **2 marks** for forming the equation, **2** for solving it, **1** for rejecting the negative root and giving the answer with its unit. That last mark is the cheapest one on the page and the most often skipped.

- ▶ Writing only the answer. Four of the five marks are in the working you did not show.
- ▶ Stopping at $x = 6$ without a sentence. No unit, no statement, no fifth mark.
- ▶ Leaving Section D blank because it looked long. There is no negative marking — a set-up line still scores.
- ▶ Losing the sign in $D = b^2 - 4ac$ when c is negative. Here $-4(-324)$ is $+1296$, not -1296 .

NOW TRY THIS ONE

A boat whose speed is 15 km/h in still water goes 30 km downstream and comes back in 4 hours 30 minutes. Find the speed of the stream. (Same shape. Answer: 5 km/h — check it gives 1.5 hours down and 3 hours back.)

Make the last week count — with examfront

- ▶ **Chapter 1 is free** — start tonight, no payment, no wait.
- ▶ **Mistake identification** — see exactly which concepts are still weak, so your final hours go there.
- ▶ **Anytime tests** — drill one topic the moment you find a gap.
- ▶ **Weekly tests** — keep the whole syllabus warm instead of forgetting last month's work.
- ▶ **Mock tests before the exam** — full papers under real timing, so exam day is familiar.

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