

CBSE Class 10 Maths Question Paper 2025

What the paper actually teaches you — and the one mistake most students make with it.

Where to get the official paper

The authentic 2025 Class 10 Mathematics papers — both **Standard** and **Basic** — are published on CBSE's official **Previous Years' Question Papers** page at cbse.gov.in. Third-party "2025 paper PDF" downloads can be altered, mislabelled or bundled with unofficial content.

Official question paper + official marking scheme = the complete resource

The question paper shows you what was asked. The marking scheme shows you how marks are awarded — which is what actually changes your score.

What one past paper can and cannot tell you

It CAN show you	It CANNOT show you
How the exam pattern looked in practice	Which questions will repeat next year
How a familiar concept gets re-worded	A reliable trend (one paper is one sample)
Where marks sit, section by section	The relative weight of a chapter over time
The standard of a full-length 3-hour attempt	Your own recurring mistake pattern

The three real lessons in the 2025 paper

- 1 · Pattern in practice.** Five sections — objective, short-answer, long-answer and case-based — laid out as a real 3-hour, 80-mark paper. Structure stops being abstract.
- 2 · Framing.** How a concept is dressed up matters more than the question itself. This is what trains you to recognise a known concept in unfamiliar wording.
- 3 · Mark distribution.** Read with the marking scheme, you see the **method marks** that reward shown working — the marks most students throw away by writing only the answer.

How to use it — three steps

- 1 Attempt under exam conditions.** Full 3 hours, one sitting, no notes.
- 2 Review against the official marking scheme,** never a random answer key.
- 3 Ask what concept each question tested,** then go strengthen that concept — not that question.

The one mistake to avoid

Assuming 2026 or 2027 will look just like 2025. What recurs across *many* papers is signal; what appears in a single paper may be a one-off. Treat 2025 as **one data point** and read it beside several other years.

Key takeaways

- Use the **official CBSE paper** from cbse.gov.in, never a third-party reupload.
- Always pair the paper with its **official marking scheme**.
- One year's paper reflects one examination — not the pattern.**
- Real trends appear only when you read **several years together**.
- Concepts repeat; exact questions do not. Chase the **concept**.

Worked example: from one question to the concept

A representative board-style question, solved – then read the way a past paper should be read.

The question

If α and β are the zeroes of $2x^2 - 5x + 3$, find $\alpha^2 + \beta^2$.

Step 1 – write down what the coefficients give you. For $ax^2 + bx + c$:

$$\alpha + \beta = -b/a = 5/2 \quad \cdot \quad \alpha\beta = c/a = 3/2$$

Step 2 – use the identity instead of finding the roots.

$$\alpha^2 + \beta^2 = (\alpha + \beta)^2 - 2\alpha\beta$$

Step 3 – substitute.

$$= (5/2)^2 - 2(3/2) = 25/4 - 3 = 13/4$$

Check: the roots are 1 and $3/2$, so $1^2 + (3/2)^2 = 1 + 9/4 = 13/4$. The identity route is faster and earns the same method marks.

Now read it like a past paper

Question asks for	Concept actually tested
$\alpha^2 + \beta^2$	Sum and product of zeroes from coefficients
$1/\alpha + 1/\beta$	Same concept – $(\alpha + \beta)/\alpha\beta$
Form a polynomial with given zeroes	Same concept, run backwards
$\alpha - \beta$	Same concept via $(\alpha + \beta)^2 - 4\alpha\beta$

Four different-looking questions. **One concept.** That is what repeats across years – and that is why a single paper is a starting point, not the pattern.

Now try this one

Prove that $(\sqrt{5} + \sqrt{3}) / (\sqrt{5} - \sqrt{3}) = 4 + \sqrt{15}$

Hint: rationalise by multiplying numerator and denominator by $(\sqrt{5} + \sqrt{3})$. The denominator becomes $5 - 3 = 2$, and the numerator becomes $8 + 2\sqrt{15}$.

Answer: $(8 + 2\sqrt{15})/2 = 4 + \sqrt{15}$. **Concept tested:** rationalising a surd denominator – a Section A / B regular, year after year.

One paper shows one exam. examfront shows you the pattern.

- **Start free with Chapter 1** – full access, no payment needed.
- **Mistake identification** – we tag every lost mark by type, so you fix causes, not symptoms.
- **Anytime tests** – practise any concept the moment you spot a weakness.
- **Weekly tests** – steady checkpoints that keep revision honest.
- **Mock tests before the exam** – full-length, board-pattern, timed.

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