

How to prepare for CBSE class 10th Mathematics

CBSE 's Class X second term exams may seem far off but it's never too soon to start studying. Maths, a traditionally 'difficult' subject is also very scoring. Here are some tips!

SYLLABUS:

Second term:

Algebra (cont.) Quadratic Equations, Arithmetic Progressions	Marks 26
Commercial Mathematics	Marks 12
Geometry (cont.) Circles, Constructions	Marks 22
Trigonometry (cont.) Heights and Distances	Marks 10
Probability	Marks 12
Coordinate Geometry, Lines	Marks 08
Mensuration Areas Related to Circles, Surface Areas and Volumes	Marks 10
	Total Marks 100

The questions are based on

Knowledge	Marks 31
Understanding	Marks 45
Application	Marks 12
Skill	Marks 12
	Total Marks 100

TIPS:

Prepare a list of all important formulae and concepts for quick revision

Understand the usage of the formulae

If there are any doubts clear your doubts as soon as possible from your teacher

Focus on NCERT books for studying as majority of exam revolves around NCERT books, but practice questions from other books in addition to NCERT

Complete all NCERT questions and solved examples

Practice a few questions from previous chapters as you study a new chapter. This will make sure you stay in touch with the concepts.

Practice writing down the steps you take for solving a question as the process also gains marks.

Do not skip any topic, complete the syllabus thoroughly

Feel free to think out your answers on rough paper. It helps in understanding the question quicker and you can use a column in your answer sheet for rough work during exams.

Pay attention to details, a single misplaced decimal sign or - or + can lead to an incorrect answer in questions you otherwise know.

Always write out questions even if you know them mentally, writing helps improve your answering style

Practice answering previous year papers and sample papers within the time limits of the official exam.

Definitely practice the last 5 year question papers

Identify trends in the question paper

Identify your weak areas, where you are unable to answer and where you answer incorrectly

Increase your speed in answering so you are able to complete the exam and have some time for revision during the exam

Create a study schedule and focus on studying and practicing weak areas and doing a few practice questions in areas you are comfortable in.

With theorems and concepts remember to understand the applications thoroughly.

Keep your formulae/concept list with you and read it at least 3 times a day.

Long answer questions are scoring and generally come from algebra, geometry, mensuration and trigonometry, so prepare accordingly

Relax and practice, practice, practice to ace your Maths exam!

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