Cheenta

AMC 10 & 12 REVIEW PROGRAM

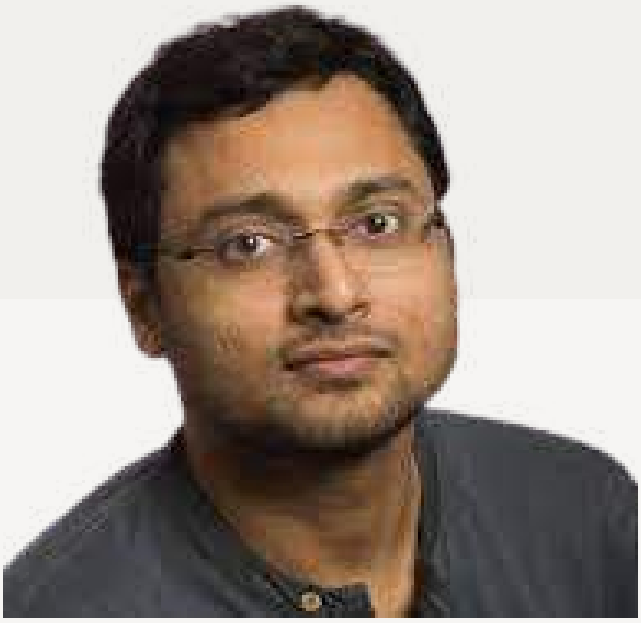
Cheenta is offering a **36-hour** program on AMC 10 & 12. In this short review course, we will cover concepts from Number Theory, Geometry, Algebra, and Combinatorics. This course is **problem-driven** in nature, in the sense concepts will be introduced and taught using relevant problems.

Schedule

Starts on September 9th. The online live class group A meets on Saturday and Sunday at 6 AM IST. Group B meets on Saturday and Sunday at 5:30 PM IST. That is we have two time slots, you may choose one.

All the best,

Dr. Ashani Dasgupta



SCHEDULE

Starts September 9th, Saturday

Live Class Duration: 36 hours | Homework : 36 hours

Dates	Module
• 9th September • 10th September	• Geometry 1 - Triangular Inequality, Congruences and Parallel Lines • Geometry 2 - Properties of Triangles, Similar Triangles
• 16th September • 17th September	• Geometry 3 - Ceva's and Menelaus theorem, Area of Triangles and Volume • Geometry 4 - Basics of Circles - IAT, Tangent to Circles - AST, Pitot's Theorem
• 23rd September • 24th September	• Geometry 5 - Cyclic Quadrilaterals - Pedal line and Ptolemy's Theorem • Geometry 6 - Miscellaneous problems on Triangles and Circles
• 30th September • 1st October	• Combinatorics 1 - Linear and Circular Permutations • Combinatorics 2 - Combinations and Bijection Principle
• 7th October • 8th October	• Combinatorics 3 - Arrangements and Selections with Repetition - Stars and Bars • Combinatorics 4 - Binomial Theorem and its Coefficients, Pascal Triangle

SCHEDULE

Starts September 9th, Saturday

Live Class Duration: 36 hours | Homework : 36 hours

Dates	Module
• 14th October • 15th October	• Combinatorics 5 - Hockey Stick identity, • Combinatorics 6 - Multinomial Theorem and its coefficients, Pigeon - Hole Principle and, Principle of Inclusion and Exclusion and Derangements
• 21st October • 22nd October	• Algebra 1 - Finite Series and Sequences - AP, GP, Special Finite series and Telescoping series • Algebra 2 - Polynomials - Division Algorithm, Remainder and Factor Theorem, Vieta's Formula, FTA, Polynomials - Rational Root Theorem, Reciprocal and Symmetric Polynomial
• 28th October • 29th October	• Number Theory 1 - Basic Principles in Number Theory - Well ordering Principle, Mathematical Induction, Divisibility - Division Algorithm • Number Theory 2 - GCD, LCM, Bezout's Lemma, Euclidean Algorithm
• 4th November • 5th November	• Number Theory 3 - Prime Numbers - FTA and Number Bases • Number Theory 4 - Congruences - Basic properties, Linear Congruences and CRT

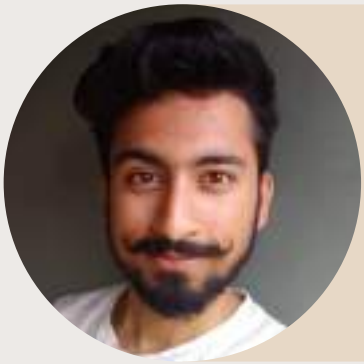
Cheenta Team

PhD from the University of Wisconsin - Milwaukee
Math Olympiad trainer since 2010

- DR. ASHANI DASGUPTA

BTech and MTech from IIT Madras
Math Olympiad trainer at Cheenta Academy

- RAGHUNATH JV



(Pursuing) PhD at Pennsylvania State University, BStat and MStat from Indian Statistical Institute.

- SRIJIT MUKHERJEE

Get Started with AMC 10 & 12 Review Course

Join the First Week for free

if you are interested
contact us through mail

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Click here to register