



Cheenta
Passion for Mathematical Science
Problem Solving marathon

Instructor's Name: Ashani Dasgupta
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- The Set comprises hints on three levels of questions as following-
Level 0- for Class **III-V**
Level 1- for Class **VI-VIII**
Level 2- for the rest
 - You may contact Shubhadip Ghosh through Skype
 - Solve as much as you can, even if you cannot solve fully write whatever your idea is.

1 Level 0

Q.1: Assume two team get x and y point. then try to make equation and solve.

Q.2: Try to follow the pattern.

2 Level 1

Q.1: Try to find the value of common ratio.

Q.2: Draw the angle bisectors of the $\angle ABC$ and $\angle BCD$. Mark their intersection point. Congruency will play a big role here.

3 Level 2

Q.1: Discriminant is the key idea.