

RAM Maths Circle

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In this session, the mentors gave a few problems to be solved in groups. The problems are as follows.

Questions

- Fill in the numbers 1, 2, 3, 3, 4, 5, 6, 6 such that

$$+ \quad \leq \quad +$$

What could be the maximum value of L.H.S for which inequality or equality holds?

- Find the number of ways to climb 3, 4, ..., 10 steps if
 - i) You can any number of steps to reach the top.
 - ii) You can take only 1 or 2 steps to reach the top.

