

RAM Maths Circle

Date: February 28, 2026
Swami Vivekanand School, Dombivli

In this session, the mentors introduced sequences and series, discussed the following questions with the students.

1. Find the 10th term of the following sequences.

- (a) 0, 1, 2, 3, ...
- (b) 3, 6, 9, 12, ...
- (c) 2, 9, 16, 23, ...
- (d) -1, -3, -5, -7, ...
- (e) 1, 4, 9, 16, ...
- (f) 2, 4, 8, ...

2. Find the sum of the first 10 terms of the following sequences.

- (a) 3, 6, 9, 12, ...
- (b) 2, 9, 16, 23, ...

3. Find number of squares in 8×8 chessboard.

4. Using number 1 to 7 only once in such a way that the sum of numbers on connecting 3 circles is 12.

