

RAM Maths Circle

Date: January 3, 2026
Swami Vivekanand School, Dombivli

In this session, the mentors discussed Division Algorithm and solutions of Diophantine equations with the students.

1. Find the HCF of (14, 20).
2. Find the x and y such that $14x + 20y = 2$
3. Find the HCF of (325, 221)
4. Find the x and y such that
 - (a) $7x - 9y = 1$
 - (b) $7x - 9y = 3$

