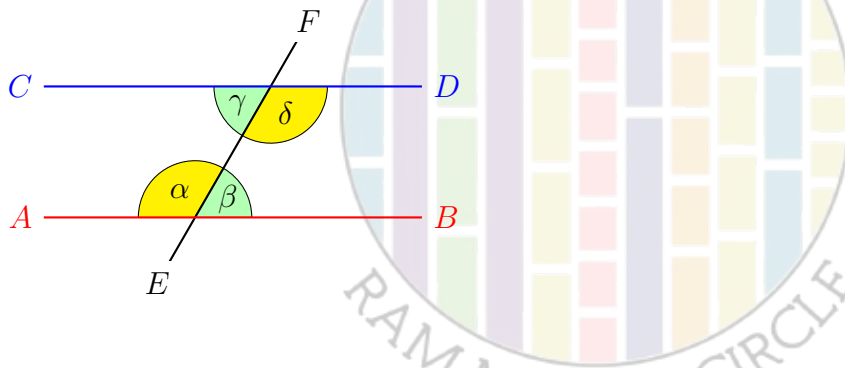# RAM Maths Circle

Date: December 07, 2024
Swami Vivekanand School, Dombivli

In this session, the mentors introduced geometry to the students, working with parallel lines and triangles. They asked the following questions.

- Using the properties of parallel lines and its transversal, prove that the sum of all angles of any triangle is 180°

- In the figure give below, $\gamma = 3x; \alpha = 7x + 10$ then what is the measure of β?

- Prove Exterior angle theorem. That is show that $\angle A + \angle B = \angle D$