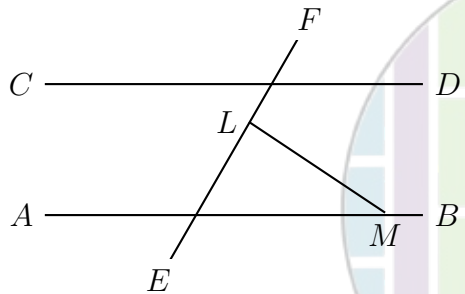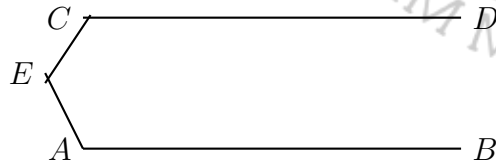# RAM Maths Circle

Date: December 21, 2024
Swami Vivekanand School, Dombivli

In this session, the mentors revised the properties of parallel lines and their transversal along with properties of triangles. Students were asked to solve the following questions.

1. In the figure give below, the segment CD is parallel to segment AB and segment EF is the transversal. If $\angle L = 70°$ and $\angle M = 60°$ then what is the measure of all the other angles in the figure?

2. In the figure given below, segment CD is parallel to segment AB. If $\angle E = 120°$ and $\angle A = 110°$ then find the measure of $\angle C$.

3. Find $\angle A + \angle B + \angle C + \angle D + \angle E$ in the given figure.