

# RAM Maths Circle

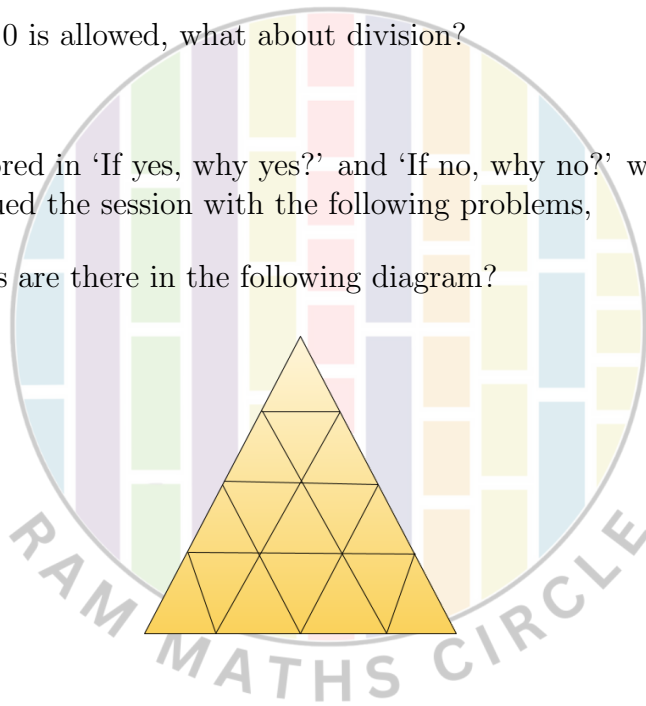
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Swami Vivekanand School, Dombivli

The session began with the exploration of rational numbers and its difference from fractions. The following questions were explained during the first half hour of the session.

1. Can we multiply by 0?
2. If multiplication of 0 is allowed, what about division?
3. What about  $0/0$ ?

The questions were explored in 'If yes, why yes?' and 'If no, why no?' way. Later, facilitators continued the session with the following problems,

- How many triangles are there in the following diagram?



- A rectangle is cut into 4 pieces as shown. Area of three of them is given, what is the area of the rectangle?

